

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY022425\
 Data File : VY021304.D
 Acq On : 24 Feb 2025 16:37
 Operator : SY/MD
 Sample : VSTDIC100
 Misc : 5.00g/5.0mL/MSVOA_Y/SOIL
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :

Quant Time: Feb 25 01:24:17 2025
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y022425S.M
 Quant Title : SW846 8260
 QLast Update : Tue Feb 25 01:17:25 2025
 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)

Internal Standards						
1) Pentafluorobenzene	7.707	168	155649	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.616	114	239339	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.414	117	216019	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.347	152	107653	50.000	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.061	65	162160	97.987	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	= 195.980%#	
35) Dibromofluoromethane	7.634	113	146576	95.824	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	= 191.640%#	
50) Toluene-d8	10.103	98	567879	101.345	ug/l	0.00
Spiked Amount	50.000	Range	58 - 134	Recovery	= 202.700%#	
62) 4-Bromofluorobenzene	12.408	95	192878	99.670	ug/l	0.00
Spiked Amount	50.000	Range	30 - 143	Recovery	= 199.340%#	

Target Compounds					Qvalue	
2) Dichlorodifluoromethane	1.861	85	112048	106.801	ug/l	97
3) Chloromethane	2.068	50	155172	109.544	ug/l	98
4) Vinyl Chloride	2.202	62	171885	124.808	ug/l	100
5) Bromomethane	2.586	94	108714	115.749	ug/l	99
6) Chloroethane	2.733	64	111960	119.190	ug/l	99
7) Trichlorofluoromethane	3.056	101	259791	113.296	ug/l	98
8) Diethyl Ether	3.452	74	82358	116.181	ug/l	99
9) 1,1,2-Trichlorotrifluo...	3.818	101	147643	107.020	ug/l	98
10) Methyl Iodide	4.001	142	180887	139.342	ug/l	99
11) Tert butyl alcohol	4.860	59	60946	438.371	ug/l	98
12) 1,1-Dichloroethene	3.787	96	143397	122.622	ug/l	98
13) Acrolein	3.653	56	33790	539.719	ug/l	95
14) Allyl chloride	4.385	41	260573	120.460	ug/l	99
15) Acrylonitrile	5.055	53	188735	557.553	ug/l	99
16) Acetone	3.867	43	156654	505.744	ug/l	97
17) Carbon Disulfide	4.104	76	435617	159.281	ug/l	99
18) Methyl Acetate	4.385	43	111798	119.894	ug/l	99
19) Methyl tert-butyl Ether	5.116	73	411242	110.946	ug/l	99
20) Methylene Chloride	4.616	84	156819	103.691	ug/l	96
21) trans-1,2-Dichloroethene	5.116	96	158984	124.176	ug/l	99
22) Diisopropyl ether	6.019	45	562773	110.207	ug/l	98
23) Vinyl Acetate	5.958	43	1679202	589.590	ug/l	100
24) 1,1-Dichloroethane	5.915	63	304448	109.202	ug/l	99
25) 2-Butanone	6.890	43	261138	549.639	ug/l	96
26) 2,2-Dichloropropane	6.884	77	272537	104.672	ug/l	100
27) cis-1,2-Dichloroethene	6.890	96	189134	113.136	ug/l	99
28) Bromochloromethane	7.244	49	135810	107.809	ug/l	100
29) Tetrahydrofuran	7.262	42	173485	585.871	ug/l	99
30) Chloroform	7.421	83	315826	107.529	ug/l	97
31) Cyclohexane	7.701	56	257331	119.680	ug/l	97
32) 1,1,1-Trichloroethane	7.616	97	283988	108.325	ug/l	98
36) 1,1-Dichloropropene	7.835	75	224553	121.390	ug/l	100
37) Ethyl Acetate	6.982	43	120051	115.504	ug/l	99
38) Carbon Tetrachloride	7.817	117	258009	112.778	ug/l	100
39) Methylcyclohexane	9.110	83	283135	132.260	ug/l	98
40) Benzene	8.079	78	670707	116.703	ug/l	100

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	7.220	41	64894	117.295	ug/l	95
42) 1,2-Dichloroethane	8.158	62	199054	113.416	ug/l	99
43) Isopropyl Acetate	8.195	43	243508	116.336	ug/l #	87
44) Trichloroethene	8.866	130	166775	116.051	ug/l	99
45) 1,2-Dichloropropane	9.140	63	163730	109.284	ug/l	98
46) Dibromomethane	9.231	93	93926	114.594	ug/l	100
47) Bromodichloromethane	9.420	83	246421	108.102	ug/l	100
48) Methyl methacrylate	9.219	41	117852	123.903	ug/l	98
49) 1,4-Dioxane	9.225	88	22174	2377.145	ug/l	94
51) 4-Methyl-2-Pentanone	10.000	43	643458	578.324	ug/l	100
52) Toluene	10.170	92	435374	118.766	ug/l	100
53) t-1,3-Dichloropropene	10.390	75	239927	117.058	ug/l	99
54) cis-1,3-Dichloropropene	9.853	75	269422	115.782	ug/l	99
55) 1,1,2-Trichloroethane	10.573	97	123161	108.147	ug/l	97
56) Ethyl methacrylate	10.439	69	188099	126.449	ug/l	99
57) 1,3-Dichloropropane	10.713	76	216519	112.263	ug/l	100
58) 2-Chloroethyl Vinyl ether	9.707	63	402947	540.587	ug/l	100
59) 2-Hexanone	10.762	43	440157	603.517	ug/l	99
60) Dibromochloromethane	10.908	129	169500	109.071	ug/l	99
61) 1,2-Dibromoethane	11.012	107	116852	115.161	ug/l	98
64) Tetrachloroethene	10.646	164	154299	114.715	ug/l	96
65) Chlorobenzene	11.444	112	473836	110.609	ug/l	99
66) 1,1,1,2-Tetrachloroethane	11.518	131	167253	104.274	ug/l	100
67) Ethyl Benzene	11.518	91	857841	114.241	ug/l	100
68) m/p-Xylenes	11.627	106	639751	229.747	ug/l	100
69) o-Xylene	11.950	106	306280	114.345	ug/l	100
70) Styrene	11.969	104	520057	114.471	ug/l	100
71) Bromoform	12.133	173	100582	107.550	ug/l #	99
73) Isopropylbenzene	12.255	105	809128	111.270	ug/l	99
74) N-amyl acetate	12.072	43	233778	121.674	ug/l	99
75) 1,1,2,2-Tetrachloroethane	12.505	83	144596	105.580	ug/l	98
76) 1,2,3-Trichloropropane	12.554	75	195230	195.860	ug/l #	100
77) Bromobenzene	12.530	156	187796	108.872	ug/l	99
78) n-propylbenzene	12.597	91	982905	111.265	ug/l	100
79) 2-Chlorotoluene	12.676	91	548727	107.979	ug/l	100
80) 1,3,5-Trimethylbenzene	12.737	105	656229	109.701	ug/l	100
81) trans-1,4-Dichloro-2-b...	12.304	75	51949	113.357	ug/l	99
82) 4-Chlorotoluene	12.780	91	567974	107.462	ug/l	100
83) tert-Butylbenzene	12.999	119	600383	107.869	ug/l	100
84) 1,2,4-Trimethylbenzene	13.042	105	664511	110.243	ug/l	100
85) sec-Butylbenzene	13.176	105	860119	107.195	ug/l	100
86) p-Isopropyltoluene	13.292	119	733880	109.298	ug/l	99
87) 1,3-Dichlorobenzene	13.286	146	367844	104.727	ug/l	100
88) 1,4-Dichlorobenzene	13.365	146	357142	103.088	ug/l	99
89) n-Butylbenzene	13.615	91	697348	108.924	ug/l	100
90) Hexachloroethane	13.883	117	149577	103.901	ug/l	99
91) 1,2-Dichlorobenzene	13.657	146	322829	104.205	ug/l	99
92) 1,2-Dibromo-3-Chloropr...	14.273	75	23791	106.000	ug/l	98
93) 1,2,4-Trichlorobenzene	14.919	180	214649	115.765	ug/l	99
94) Hexachlorobutadiene	15.023	225	124984	103.157	ug/l	99
95) Naphthalene	15.145	128	393542	128.008	ug/l	99
96) 1,2,3-Trichlorobenzene	15.328	180	183832	115.480	ug/l	100

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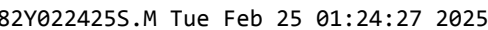
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MSVOA_Y
ClientSampleId :

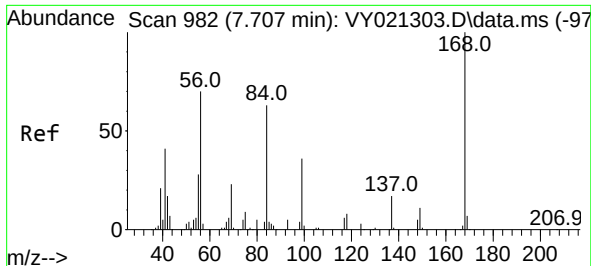
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Quant Title : SW846 8260
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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
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(#) = qualifier out of range (m) = manual integration (+) = signals summed

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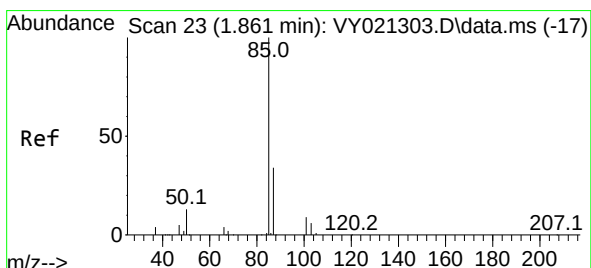
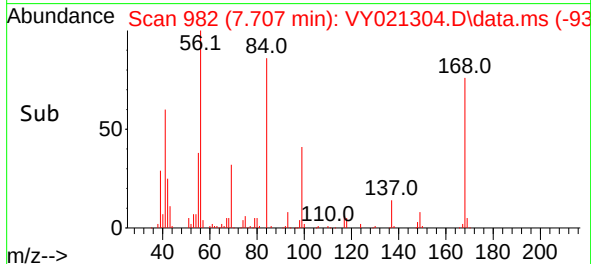
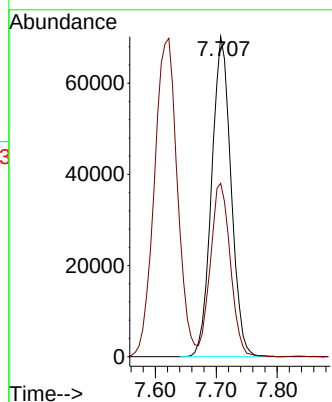
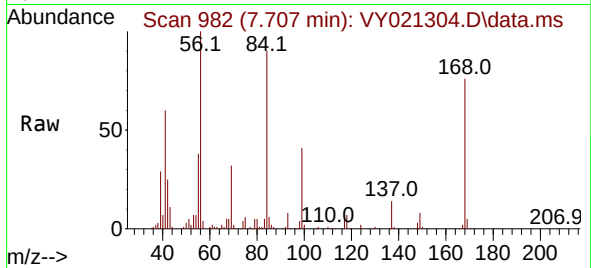




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.707 min Scan# 91
Delta R.T. 0.000 min
Lab File: VY021304.D
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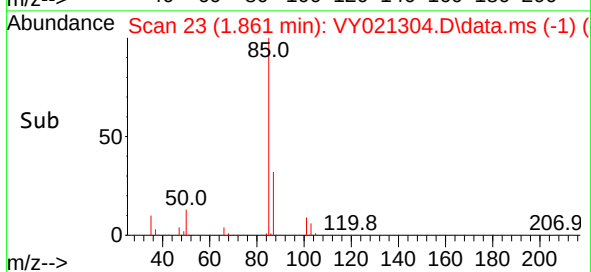
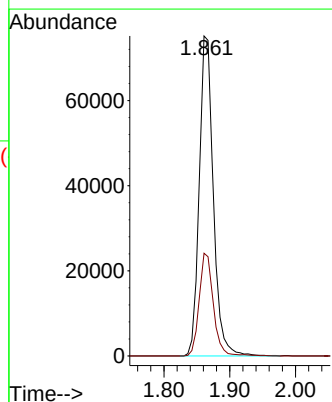
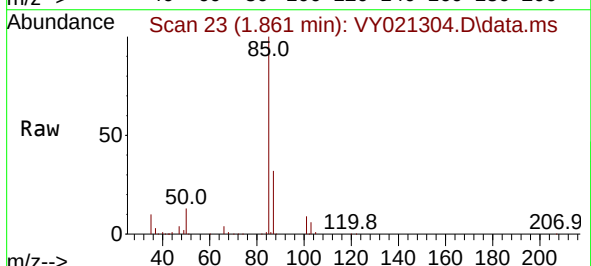
Instrument :
MSVOA_Y
ClientSampleId :

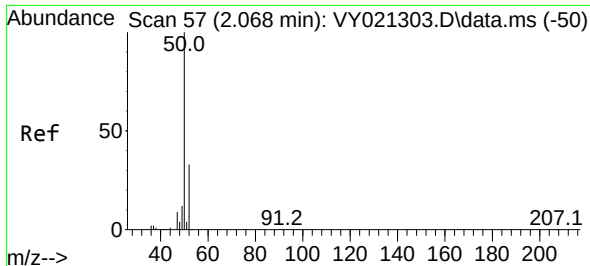
Tgt Ion:168 Resp: 155649
Ion Ratio Lower Upper
168 100
99 54.2 45.0 67.6



#2
Dichlorodifluoromethane
Concen: 106.801 ug/l
RT: 1.861 min Scan# 23
Delta R.T. 0.000 min
Lab File: VY021304.D
Acq: 24 Feb 2025 16:37

Tgt Ion: 85 Resp: 112048
Ion Ratio Lower Upper
85 100
87 32.1 16.9 50.7

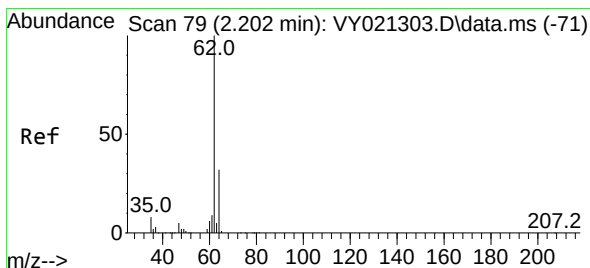
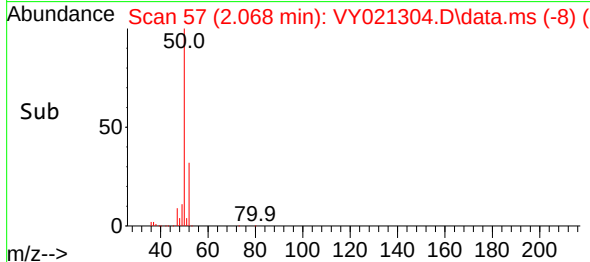
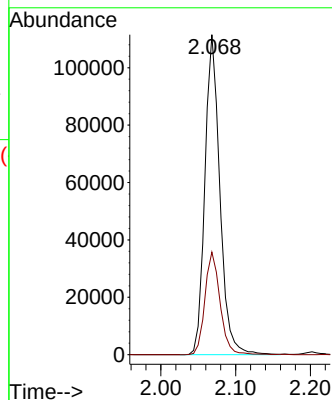
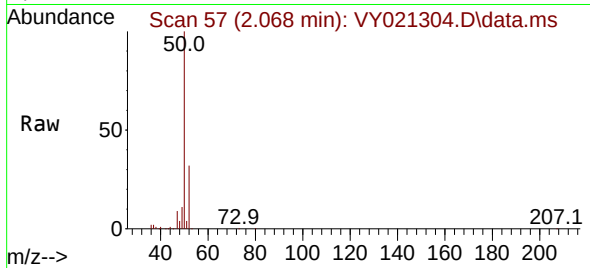




#3
Chloromethane
Concen: 109.544 ug/l
RT: 2.068 min Scan# 51
Delta R.T. 0.000 min
Lab File: VY021304.D
Acq: 24 Feb 2025 16:37

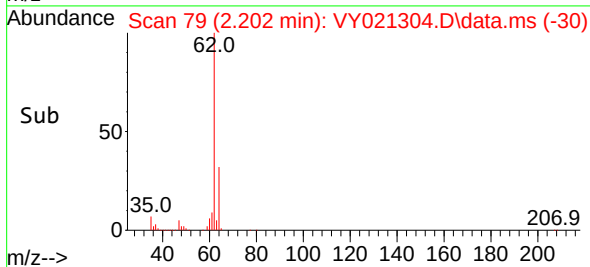
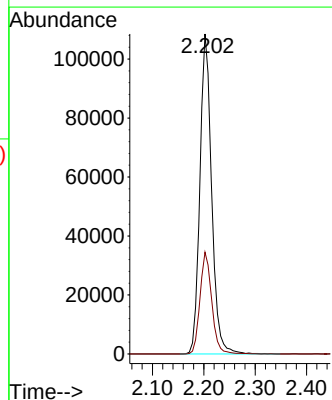
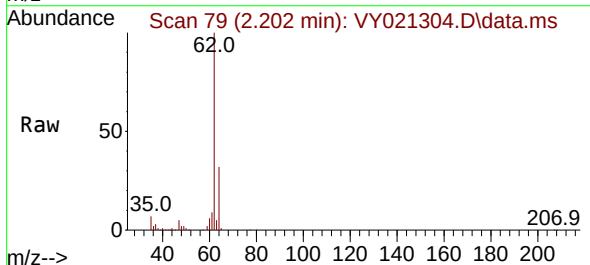
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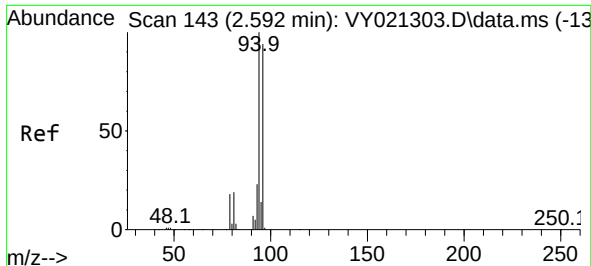
Tgt Ion: 50 Resp: 155172
Ion Ratio Lower Upper
50 100
52 32.0 26.6 40.0



#4
Vinyl Chloride
Concen: 124.808 ug/l
RT: 2.202 min Scan# 79
Delta R.T. 0.000 min
Lab File: VY021304.D
Acq: 24 Feb 2025 16:37

Tgt Ion: 62 Resp: 171885
Ion Ratio Lower Upper
62 100
64 31.8 25.4 38.0

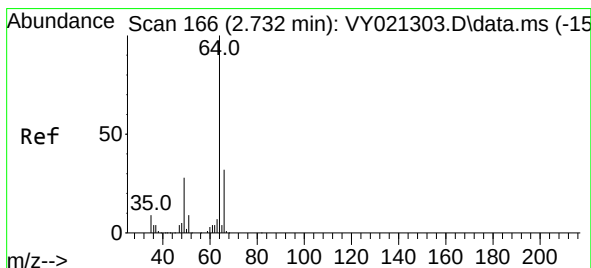
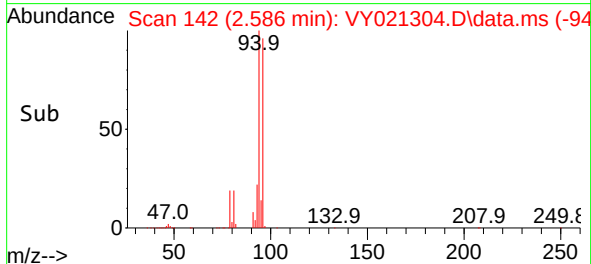
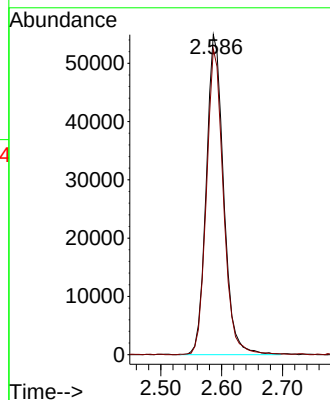
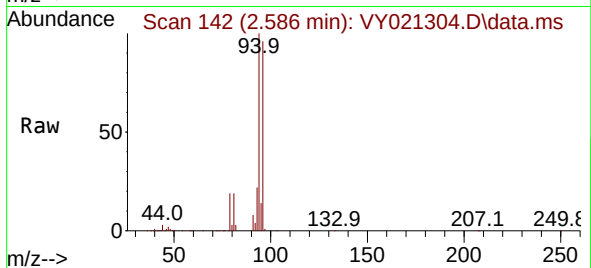




#5
Bromomethane
Concen: 115.749 ug/l
RT: 2.586 min Scan# 14
Delta R.T. -0.006 min
Lab File: VY021304.D
Acq: 24 Feb 2025 16:37

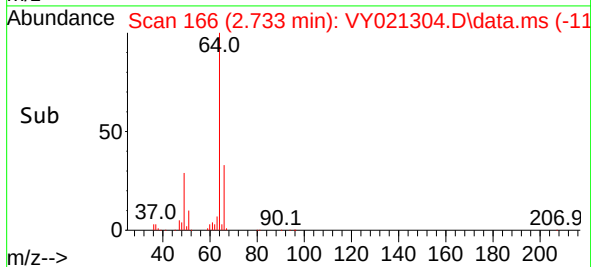
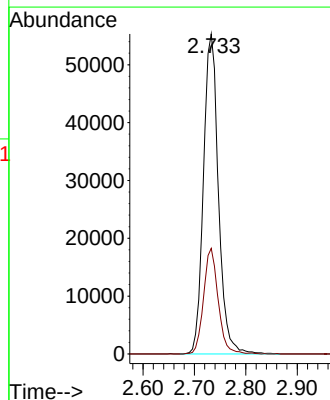
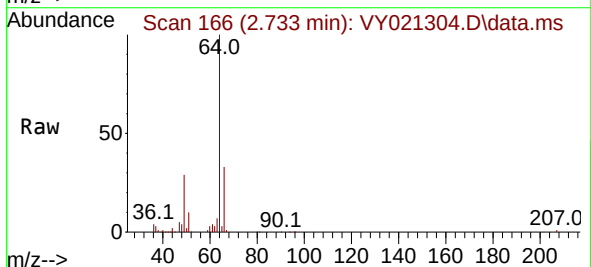
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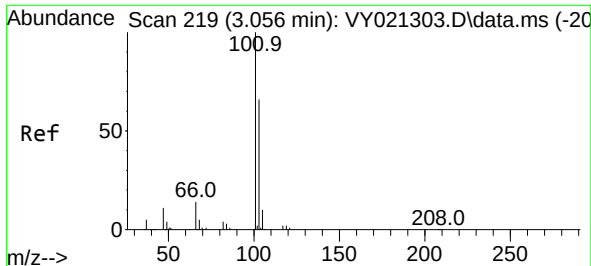
Tgt Ion: 94 Resp: 108714
Ion Ratio Lower Upper
94 100
96 95.4 75.2 112.8



#6
Chloroethane
Concen: 119.190 ug/l
RT: 2.733 min Scan# 166
Delta R.T. 0.001 min
Lab File: VY021304.D
Acq: 24 Feb 2025 16:37

Tgt Ion: 64 Resp: 111960
Ion Ratio Lower Upper
64 100
66 33.0 25.8 38.6

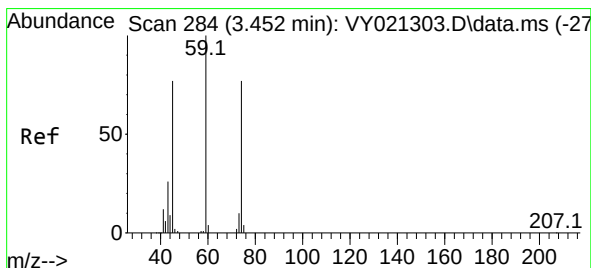
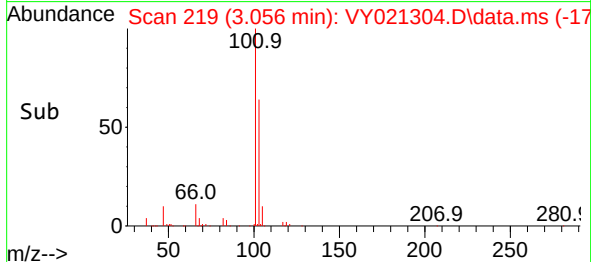
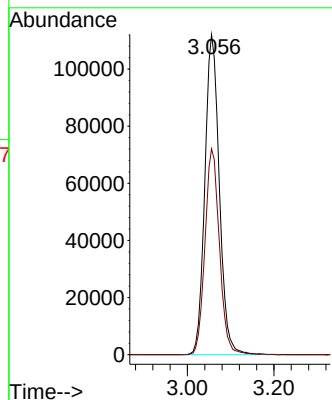
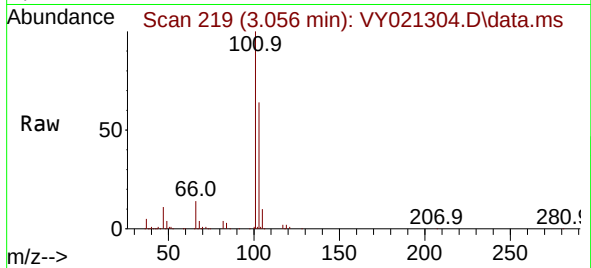




#7
 Trichlorofluoromethane
 Concen: 113.296 ug/l
 RT: 3.056 min Scan# 219
 Delta R.T. 0.000 min
 Lab File: VY021304.D
 Acq: 24 Feb 2025 16:37

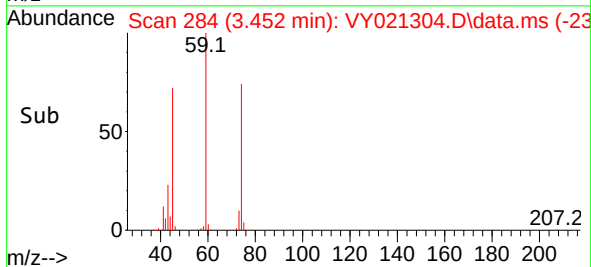
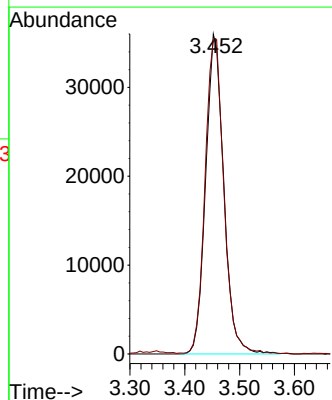
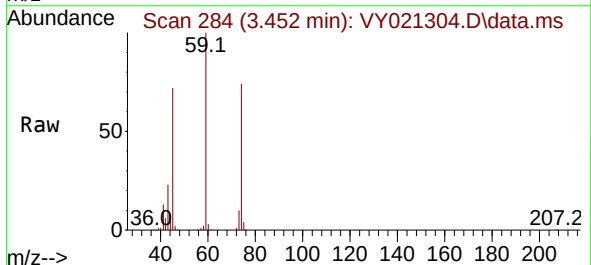
Instrument :
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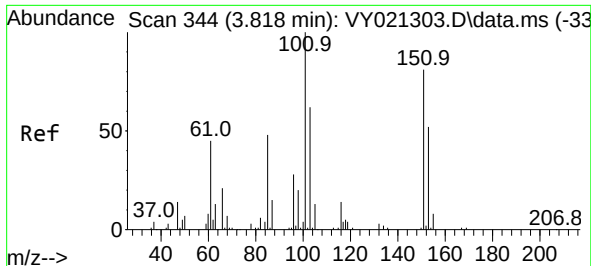
Tgt Ion:101 Resp: 259791
 Ion Ratio Lower Upper
 101 100
 103 64.3 52.5 78.7



#8
 Diethyl Ether
 Concen: 116.181 ug/l
 RT: 3.452 min Scan# 284
 Delta R.T. 0.000 min
 Lab File: VY021304.D
 Acq: 24 Feb 2025 16:37

Tgt Ion: 74 Resp: 82358
 Ion Ratio Lower Upper
 74 100
 45 102.4 50.9 152.8

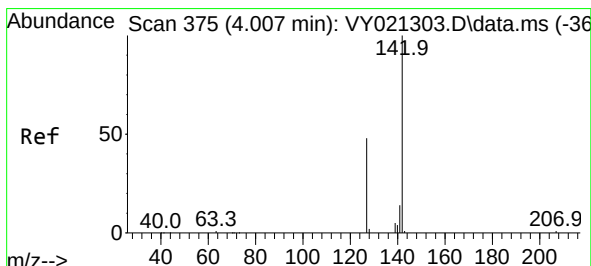
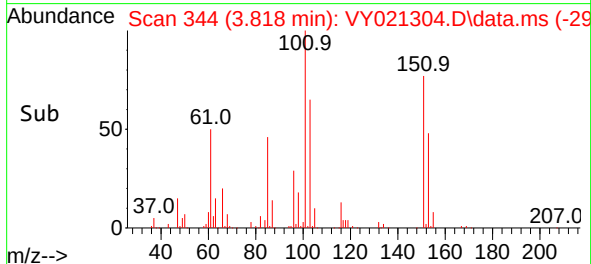
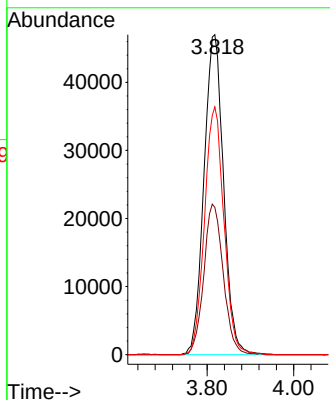
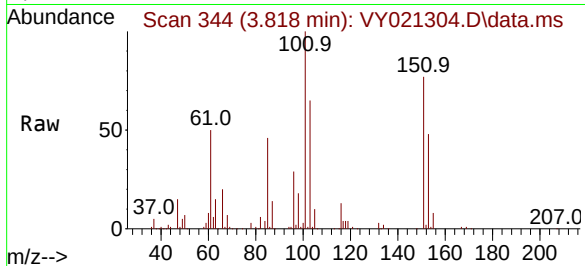




#9
1,1,2-Trichlorotrifluoroethane
Concen: 107.020 ug/l
RT: 3.818 min Scan# 344
Delta R.T. 0.000 min
Lab File: VY021304.D
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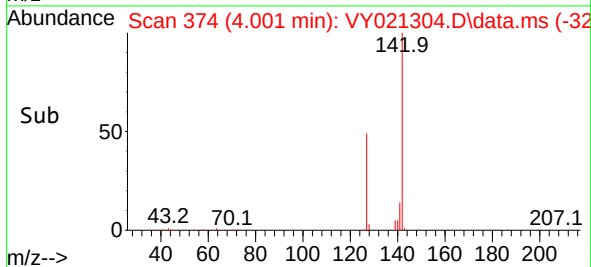
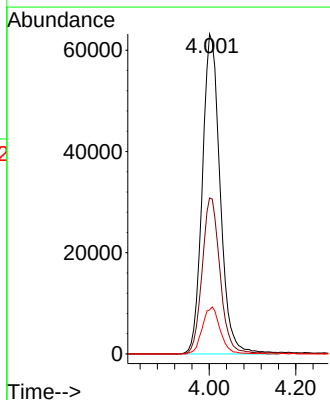
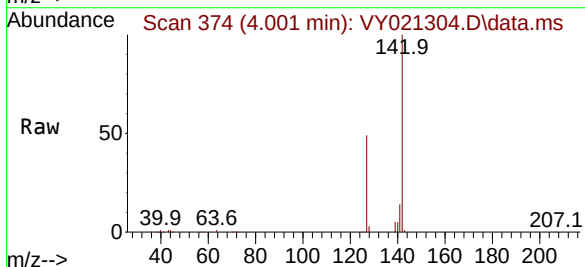
Instrument :
MSVOA_Y
ClientSampleId :

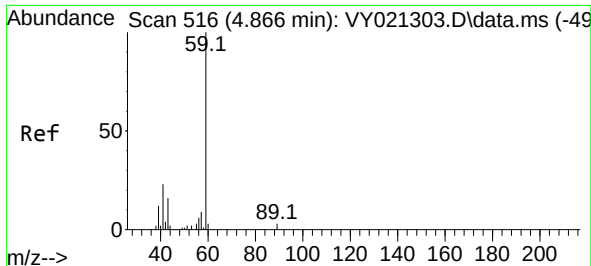
Tgt Ion:101 Resp: 147643
Ion Ratio Lower Upper
101 100
85 46.8 38.6 57.8
151 76.9 63.0 94.6



#10
Methyl Iodide
Concen: 139.342 ug/l
RT: 4.001 min Scan# 374
Delta R.T. -0.006 min
Lab File: VY021304.D
Acq: 24 Feb 2025 16:37

Tgt Ion:142 Resp: 180887
Ion Ratio Lower Upper
142 100
127 48.8 39.9 59.9
141 14.7 11.8 17.6

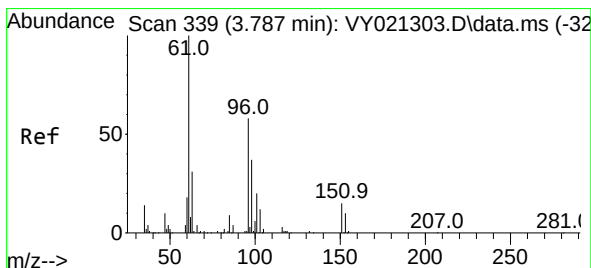
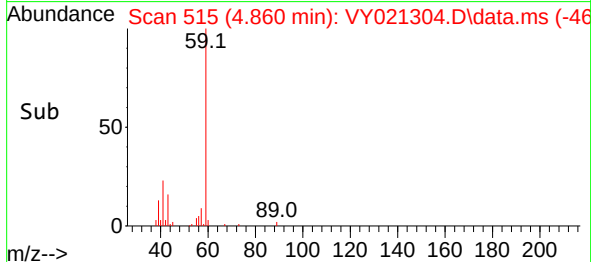
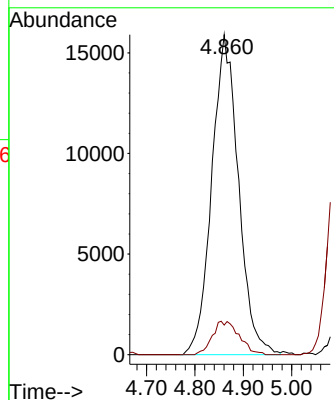
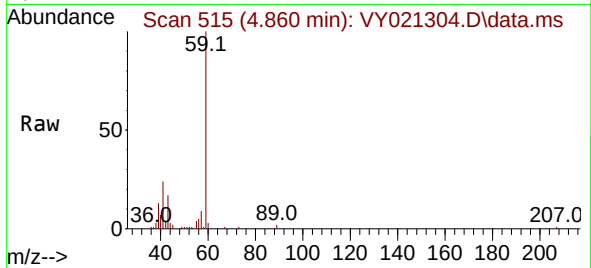




#11
Tert butyl alcohol
Concen: 438.371 ug/l
RT: 4.860 min Scan# 516
Delta R.T. -0.006 min
Lab File: VY021304.D
Acq: 24 Feb 2025 16:37

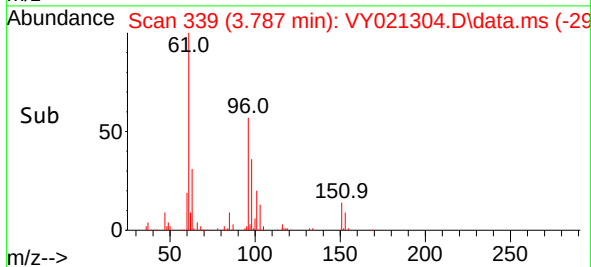
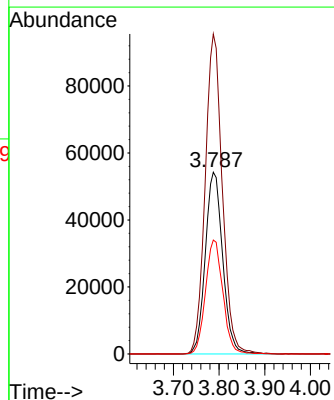
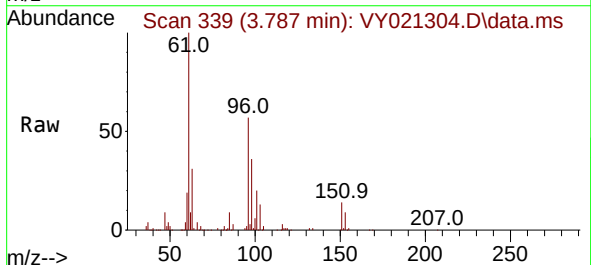
Instrument :
MSVOA_Y
ClientSampleId :

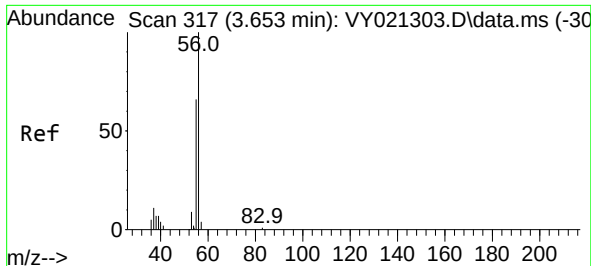
Tgt Ion: 59 Resp: 60946
Ion Ratio Lower Upper
59 100
57 10.5 9.0 13.4



#12
1,1-Dichloroethene
Concen: 122.622 ug/l
RT: 3.787 min Scan# 339
Delta R.T. 0.000 min
Lab File: VY021304.D
Acq: 24 Feb 2025 16:37

Tgt Ion: 96 Resp: 143397
Ion Ratio Lower Upper
96 100
61 176.0 137.8 206.6
98 62.7 50.8 76.2





#13

Acrolein

Concen: 539.719 ug/l

RT: 3.653 min Scan# 317

Delta R.T. 0.000 min

Lab File: VY021304.D

Acq: 24 Feb 2025 16:37

Instrument :

MSVOA_Y

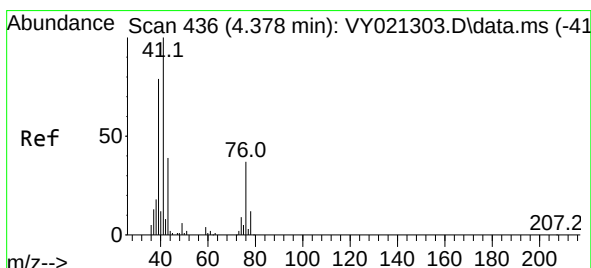
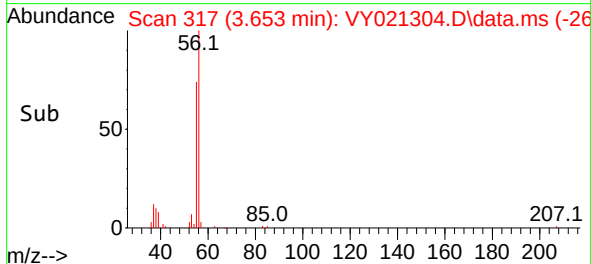
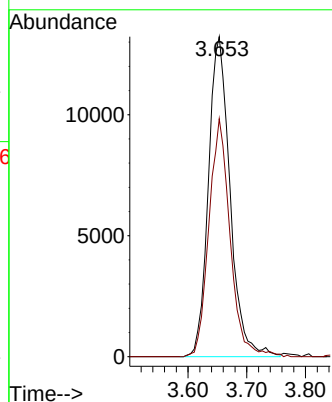
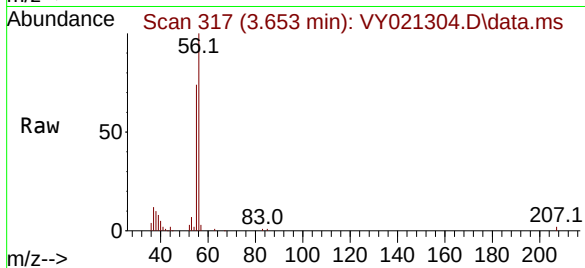
ClientSampleId :

Tgt Ion: 56 Resp: 33790

Ion Ratio Lower Upper

56 100

55 72.9 54.8 82.2



#14

Allyl chloride

Concen: 120.460 ug/l

RT: 4.385 min Scan# 437

Delta R.T. 0.006 min

Lab File: VY021304.D

Acq: 24 Feb 2025 16:37

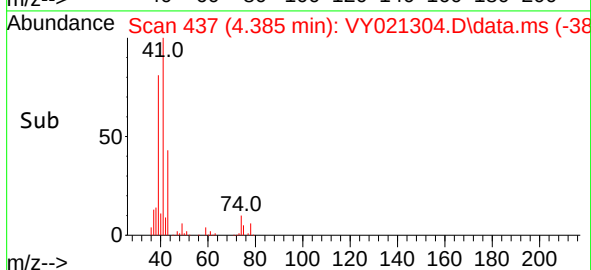
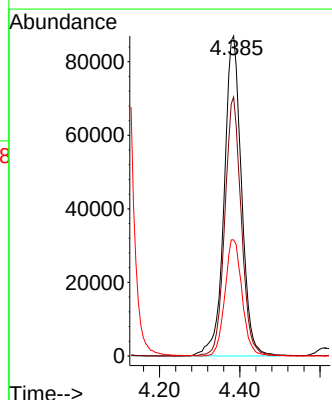
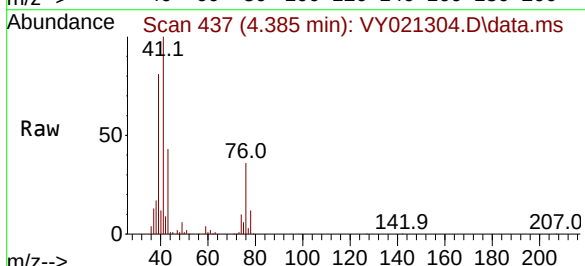
Tgt Ion: 41 Resp: 260573

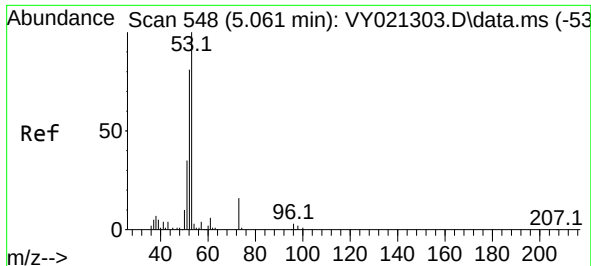
Ion Ratio Lower Upper

41 100

39 76.8 62.5 93.7

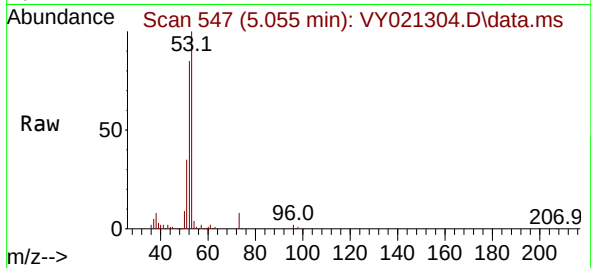
76 35.9 28.6 42.8



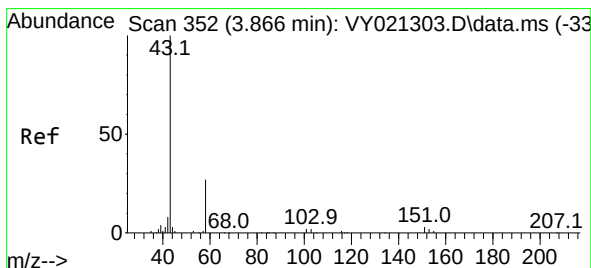
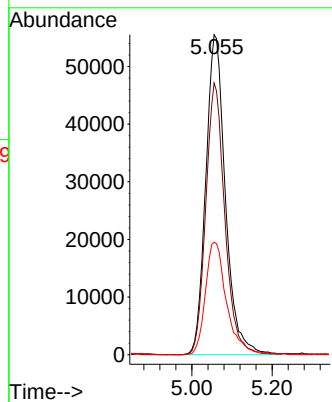
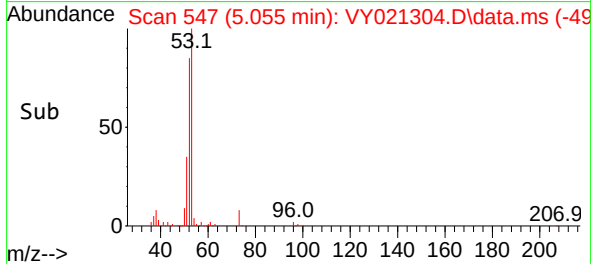


#15
Acrylonitrile
Concen: 557.553 ug/l
RT: 5.055 min Scan# 54
Delta R.T. -0.006 min
Lab File: VY021304.D
Acq: 24 Feb 2025 16:37

Instrument :
MSVOA_Y
ClientSampleId :

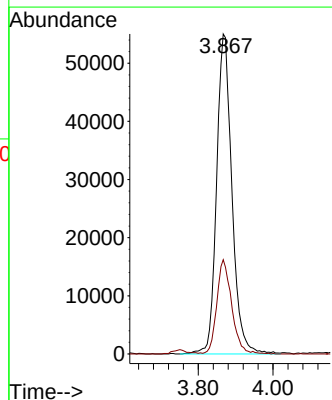
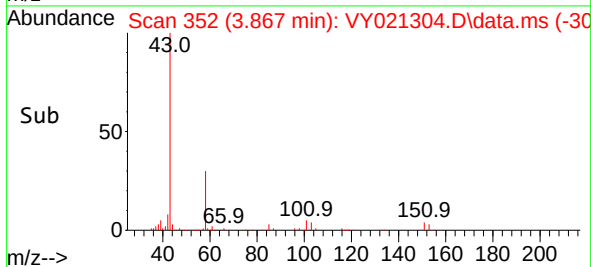
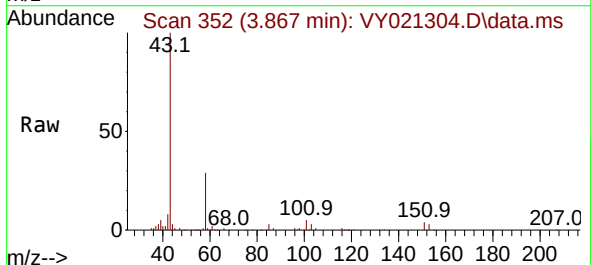


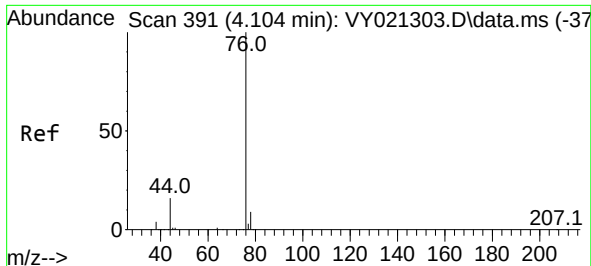
Tgt Ion: 53 Resp: 188735
Ion Ratio Lower Upper
53 100
52 82.5 65.5 98.3
51 37.9 30.4 45.6



#16
Acetone
Concen: 505.744 ug/l
RT: 3.867 min Scan# 352
Delta R.T. 0.001 min
Lab File: VY021304.D
Acq: 24 Feb 2025 16:37

Tgt Ion: 43 Resp: 156654
Ion Ratio Lower Upper
43 100
58 29.4 22.3 33.5

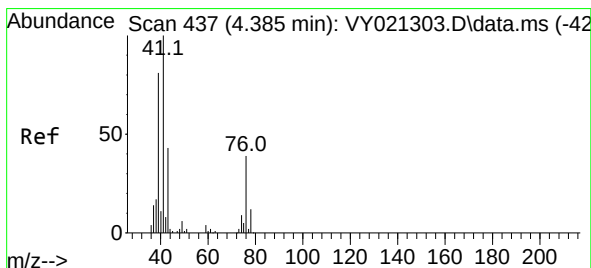
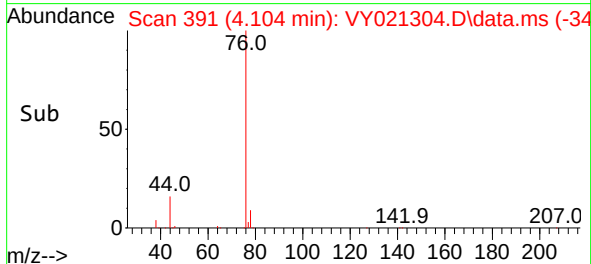
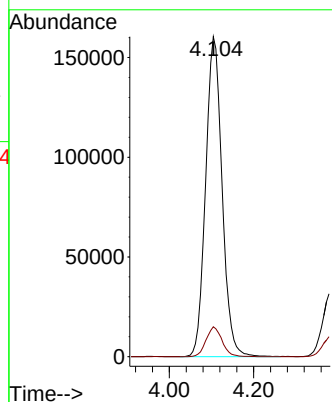
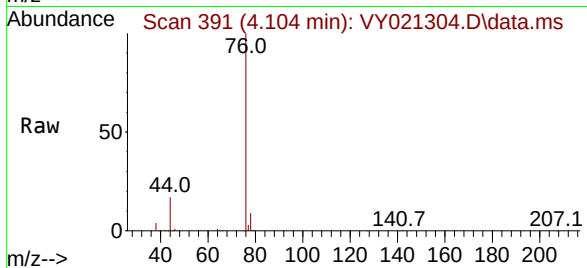




#17
Carbon Disulfide
Concen: 159.281 ug/l
RT: 4.104 min Scan# 391
Delta R.T. 0.000 min
Lab File: VY021304.D
Acq: 24 Feb 2025 16:37

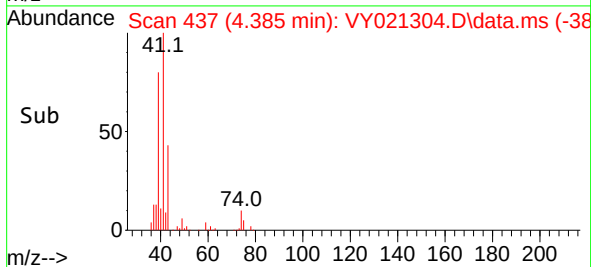
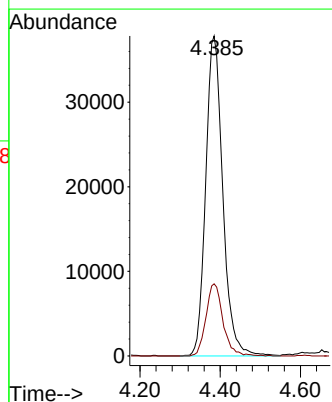
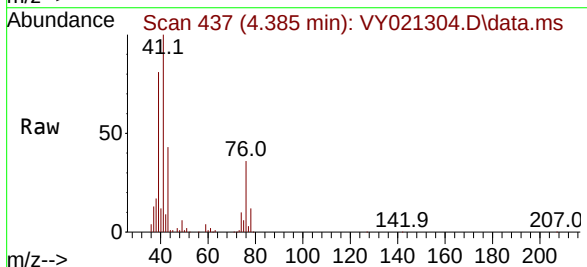
Instrument :
MSVOA_Y
ClientSampleId :

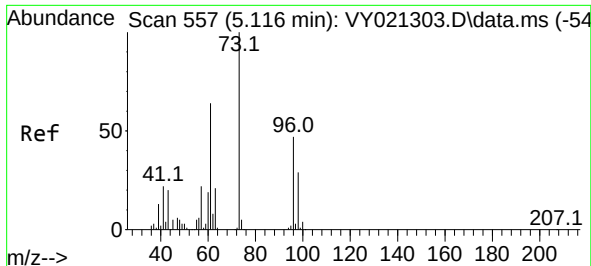
Tgt Ion: 76 Resp: 435617
Ion Ratio Lower Upper
76 100
78 9.4 7.2 10.8



#18
Methyl Acetate
Concen: 119.894 ug/l
RT: 4.385 min Scan# 437
Delta R.T. 0.000 min
Lab File: VY021304.D
Acq: 24 Feb 2025 16:37

Tgt Ion: 43 Resp: 111798
Ion Ratio Lower Upper
43 100
74 22.5 18.3 27.5

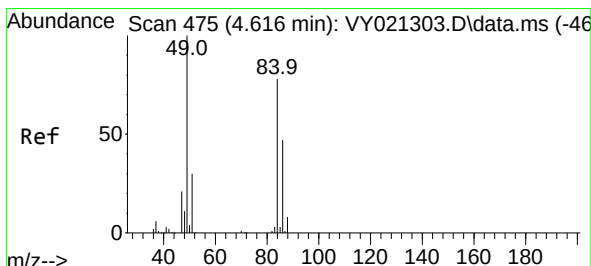
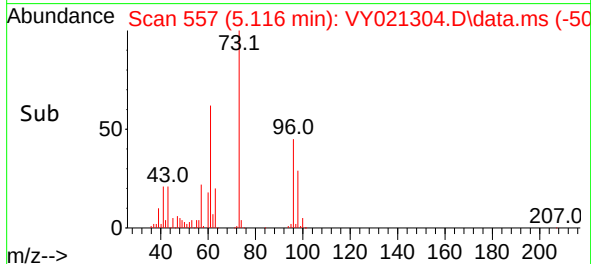
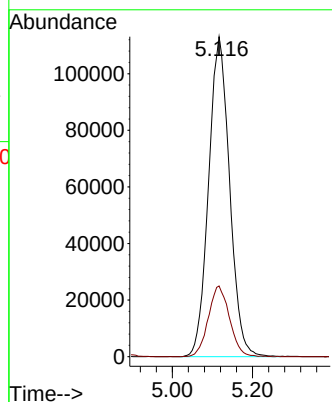
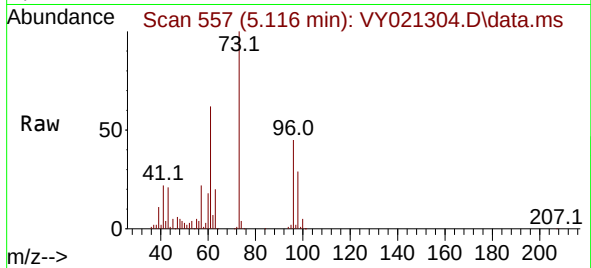




#19
Methyl tert-butyl Ether
Concen: 110.946 ug/l
RT: 5.116 min Scan# 511
Delta R.T. 0.000 min
Lab File: VY021304.D
Acq: 24 Feb 2025 16:37

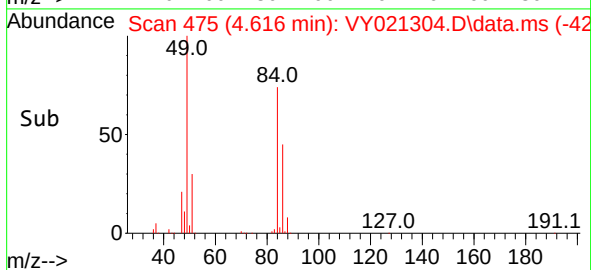
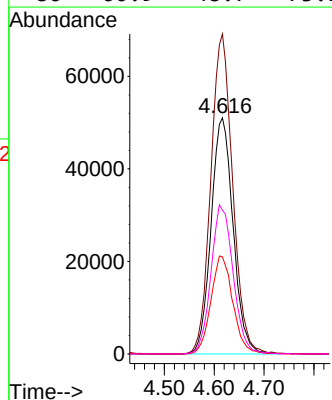
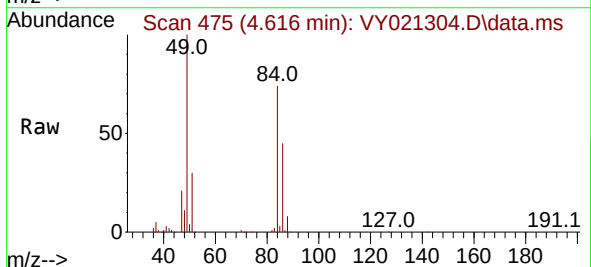
Instrument :
MSVOA_Y
ClientSampleId :

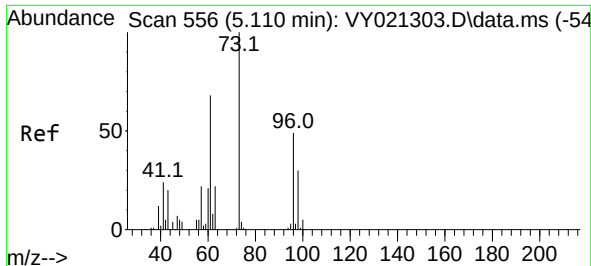
Tgt Ion: 73 Resp: 411242
Ion Ratio Lower Upper
73 100
57 22.1 17.4 26.0



#20
Methylene Chloride
Concen: 103.691 ug/l
RT: 4.616 min Scan# 475
Delta R.T. 0.000 min
Lab File: VY021304.D
Acq: 24 Feb 2025 16:37

Tgt Ion: 84 Resp: 156819
Ion Ratio Lower Upper
84 100
49 135.5 102.6 154.0
51 41.2 31.0 46.6
86 60.9 48.7 73.1

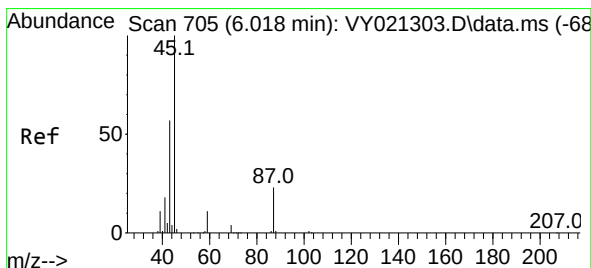
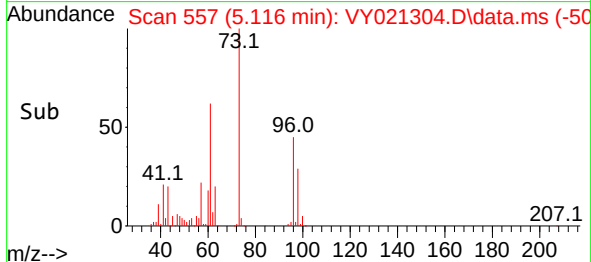
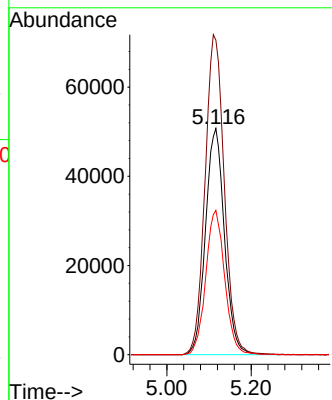
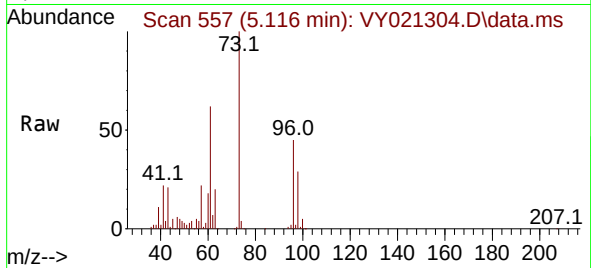




#21
trans-1,2-Dichloroethene
Concen: 124.176 ug/l
RT: 5.116 min Scan# 511
Delta R.T. 0.006 min
Lab File: VY021304.D
Acq: 24 Feb 2025 16:37

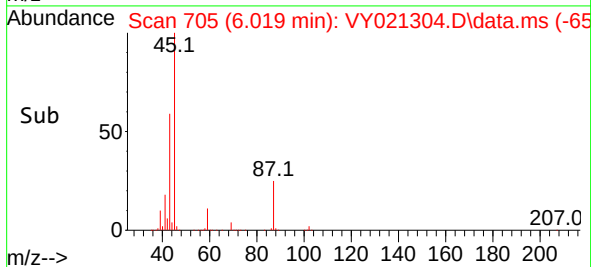
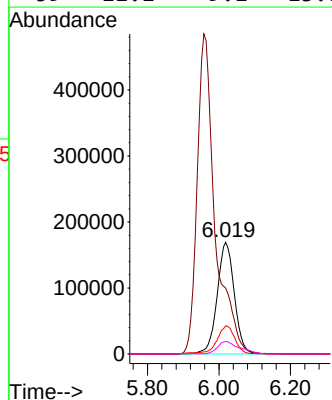
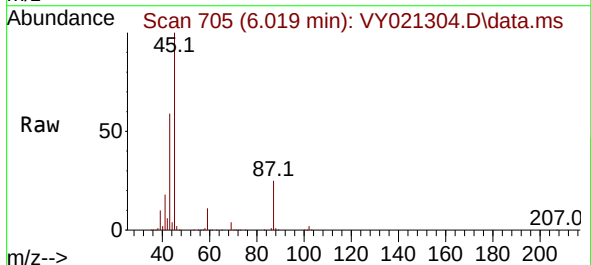
Instrument :
MSVOA_Y
ClientSampleId :

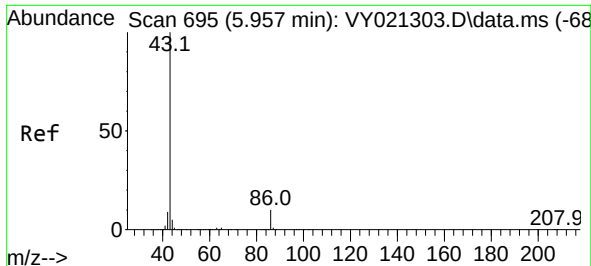
Tgt Ion: 96 Resp: 158984
Ion Ratio Lower Upper
96 100
61 139.1 111.7 167.5
98 63.8 49.3 73.9



#22
Diisopropyl ether
Concen: 110.207 ug/l
RT: 6.019 min Scan# 705
Delta R.T. 0.000 min
Lab File: VY021304.D
Acq: 24 Feb 2025 16:37

Tgt Ion: 45 Resp: 562773
Ion Ratio Lower Upper
45 100
43 58.9 46.4 69.6
87 25.3 19.2 28.8
59 11.1 9.1 13.7

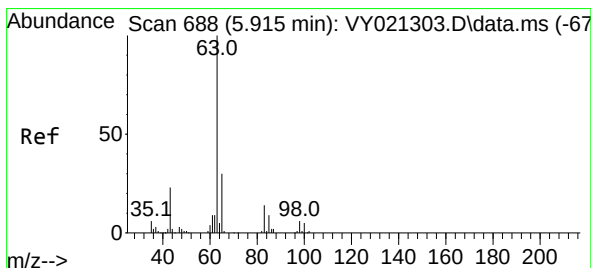
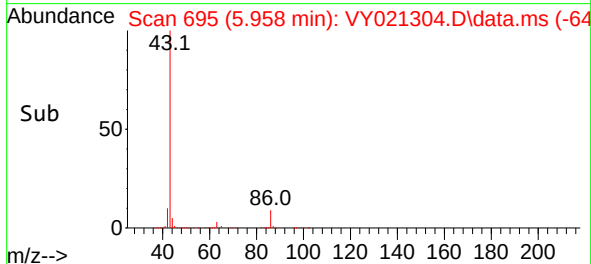
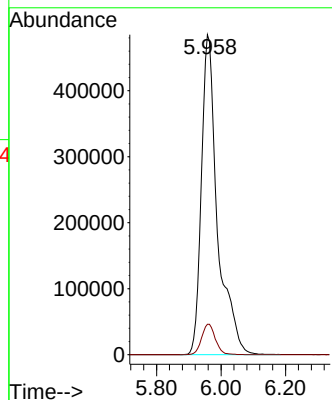
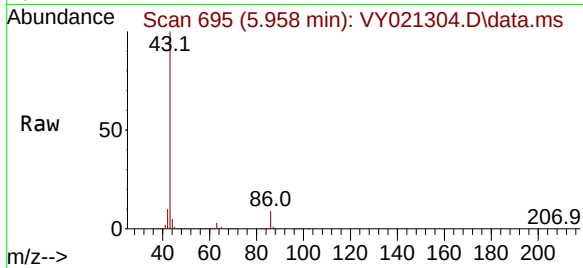




#23
 Vinyl Acetate
 Concen: 589.590 ug/l
 RT: 5.958 min Scan# 695
 Delta R.T. 0.000 min
 Lab File: VY021304.D
 Acq: 24 Feb 2025 16:37

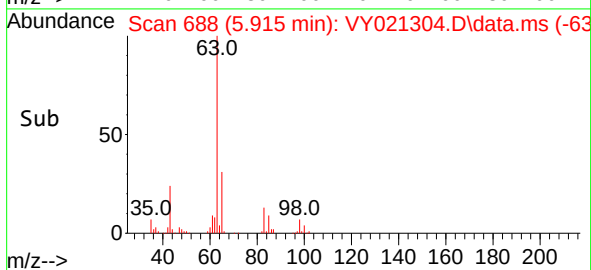
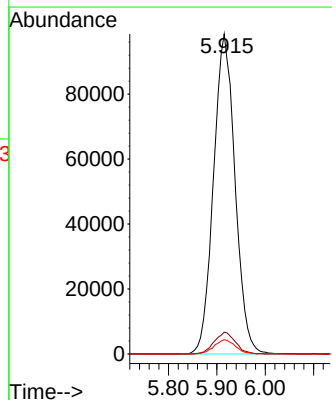
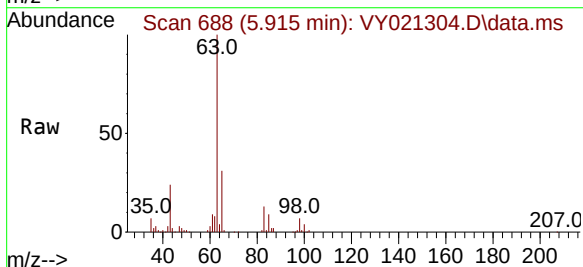
Instrument :
 MSVOA_Y
 ClientSampleId :

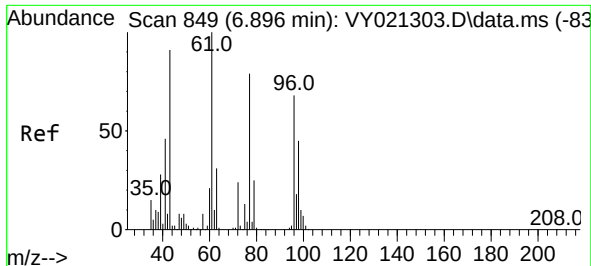
Tgt Ion: 43 Resp: 1679202
 Ion Ratio Lower Upper
 43 100
 86 9.5 7.6 11.4



#24
 1,1-Dichloroethane
 Concen: 109.202 ug/l
 RT: 5.915 min Scan# 688
 Delta R.T. 0.000 min
 Lab File: VY021304.D
 Acq: 24 Feb 2025 16:37

Tgt Ion: 63 Resp: 304448
 Ion Ratio Lower Upper
 63 100
 98 6.8 3.0 9.2
 100 4.4 2.3 6.9





#25

2-Butanone

Concen: 549.639 ug/l

RT: 6.890 min Scan# 849

Delta R.T. -0.006 min

Lab File: VY021304.D

Acq: 24 Feb 2025 16:37

Instrument :

MSVOA_Y

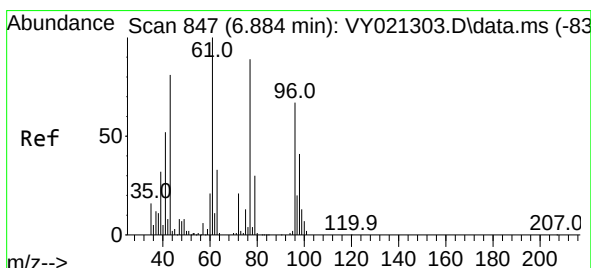
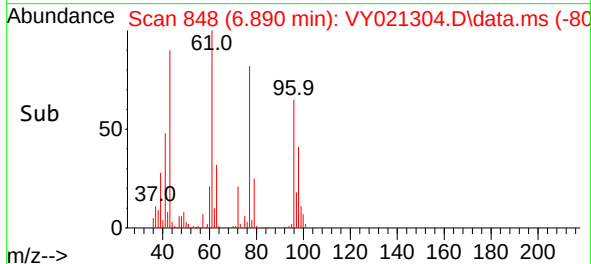
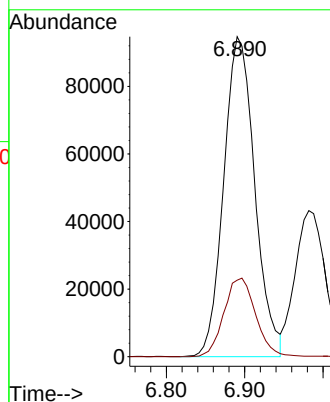
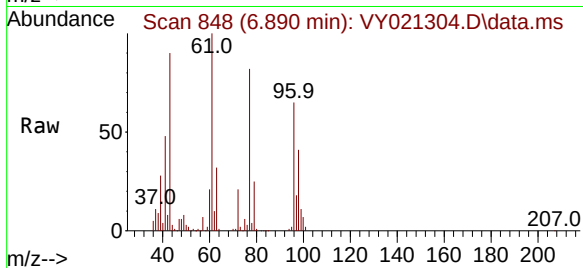
ClientSampleId :

Tgt Ion: 43 Resp: 261138

Ion Ratio Lower Upper

43 100

72 23.9 20.9 31.3



#26

2,2-Dichloropropane

Concen: 104.672 ug/l

RT: 6.884 min Scan# 847

Delta R.T. 0.000 min

Lab File: VY021304.D

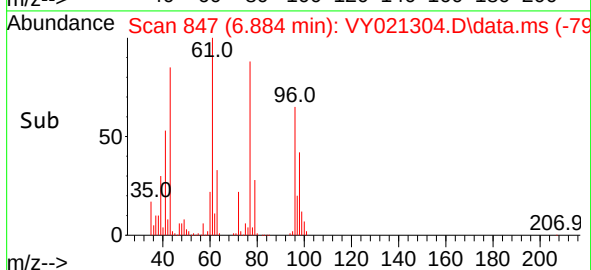
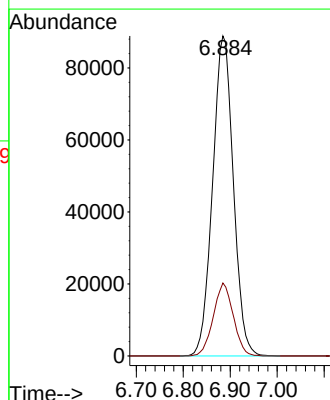
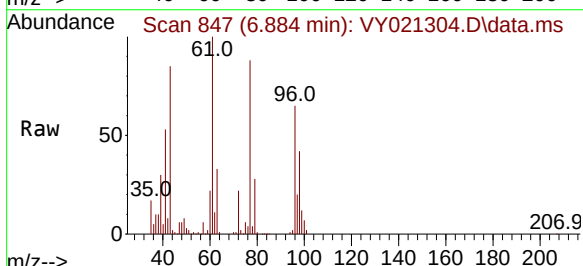
Acq: 24 Feb 2025 16:37

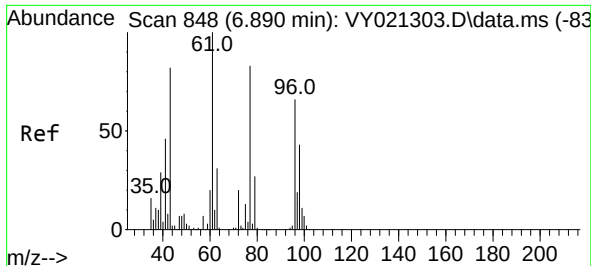
Tgt Ion: 77 Resp: 272537

Ion Ratio Lower Upper

77 100

97 22.0 10.9 32.7





#27

cis-1,2-Dichloroethene

Concen: 113.136 ug/l

RT: 6.890 min Scan# 848

Delta R.T. 0.000 min

Lab File: VY021304.D

Acq: 24 Feb 2025 16:37

Instrument :

MSVOA_Y

ClientSampleId :

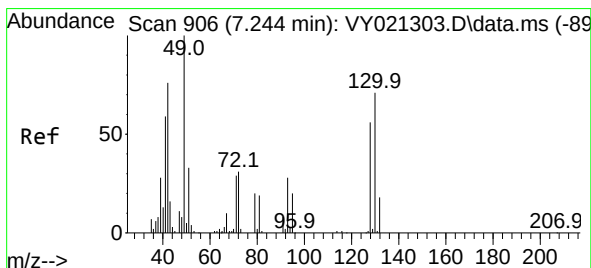
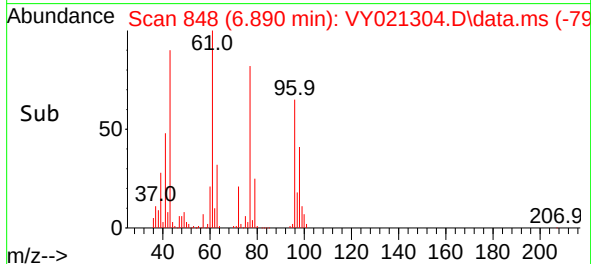
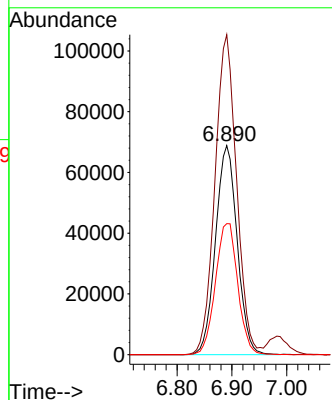
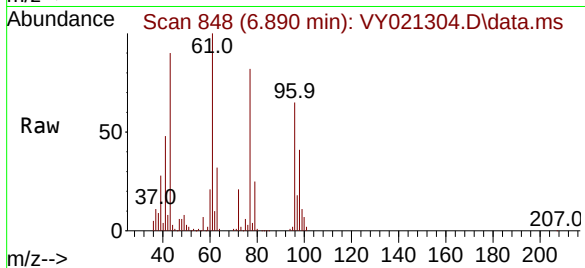
Tgt Ion: 96 Resp: 189134

Ion Ratio Lower Upper

96 100

61 153.1 0.0 303.6

98 64.7 0.0 128.0



#28

Bromochloromethane

Concen: 107.809 ug/l

RT: 7.244 min Scan# 906

Delta R.T. 0.000 min

Lab File: VY021304.D

Acq: 24 Feb 2025 16:37

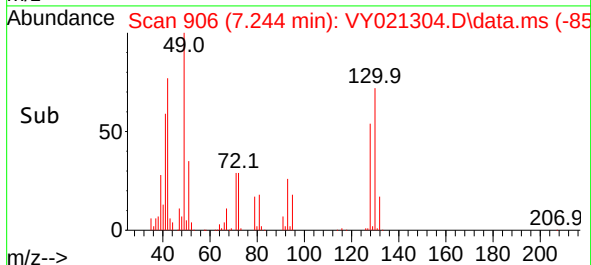
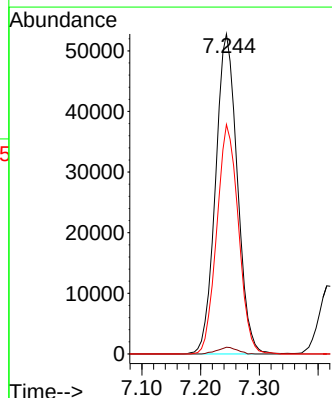
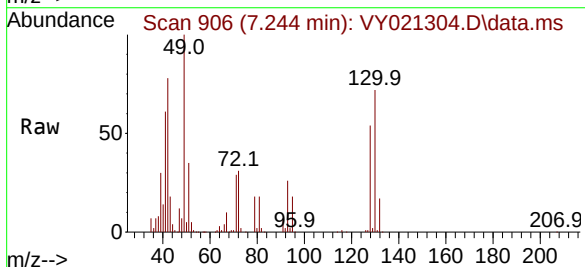
Tgt Ion: 49 Resp: 135810

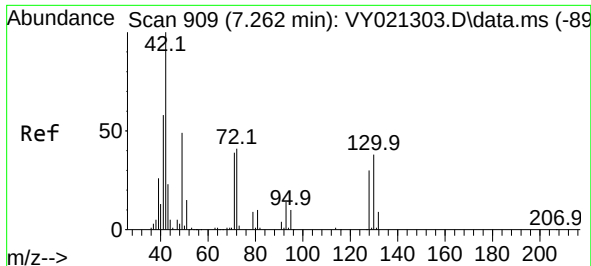
Ion Ratio Lower Upper

49 100

129 1.9 0.0 4.2

130 71.2 56.8 85.2





#29

Tetrahydrofuran

Concen: 585.871 ug/l

RT: 7.262 min Scan# 909

Delta R.T. 0.000 min

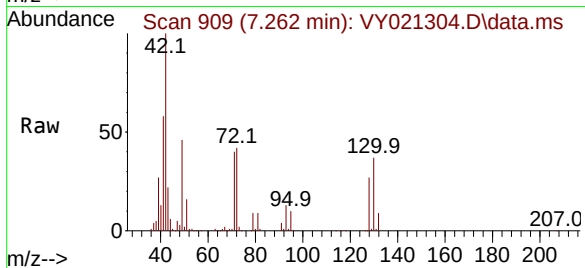
Lab File: VY021304.D

Acq: 24 Feb 2025 16:37

Instrument :

MSVOA_Y

ClientSampleId :



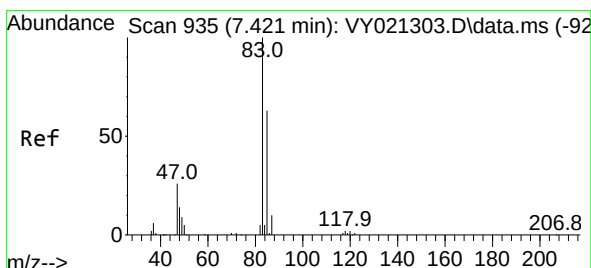
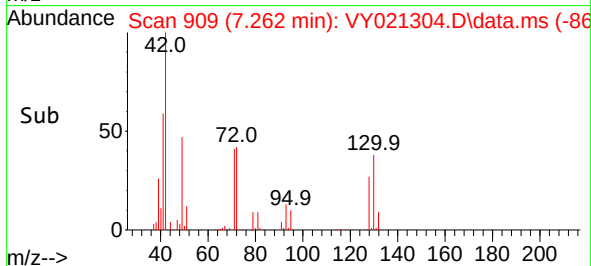
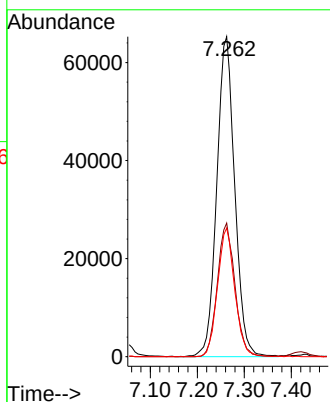
Tgt Ion: 42 Resp: 173485

Ion Ratio Lower Upper

42 100

72 40.9 32.6 48.8

71 38.6 29.9 44.9



#30

Chloroform

Concen: 107.529 ug/l

RT: 7.421 min Scan# 935

Delta R.T. 0.000 min

Lab File: VY021304.D

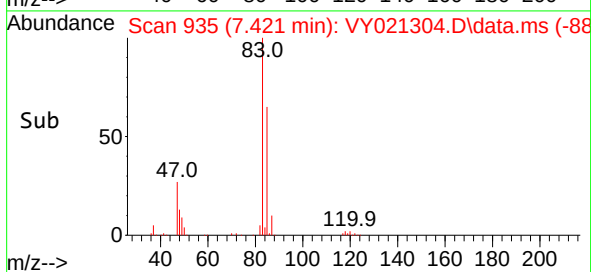
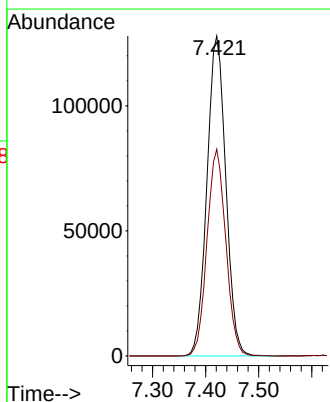
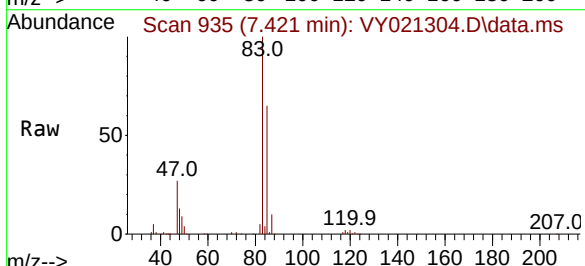
Acq: 24 Feb 2025 16:37

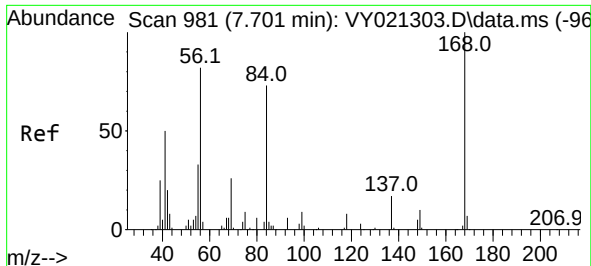
Tgt Ion: 83 Resp: 315826

Ion Ratio Lower Upper

83 100

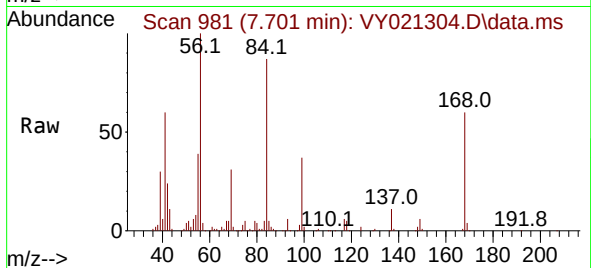
85 64.6 50.1 75.1



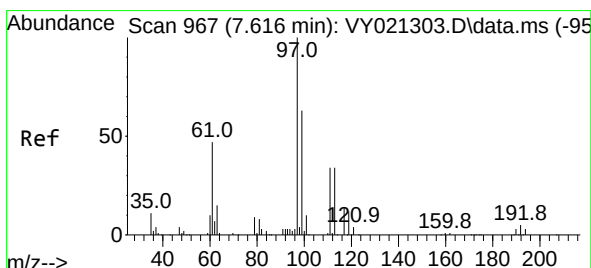
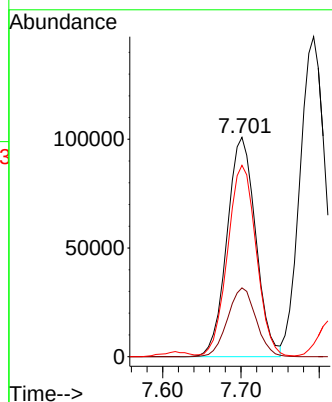
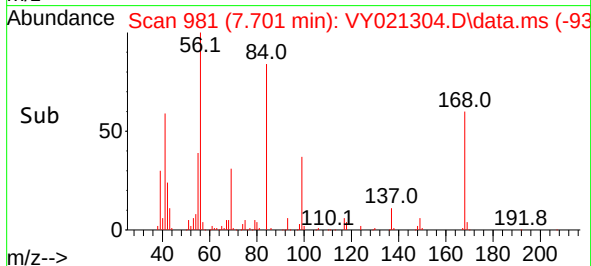


#31
Cyclohexane
Concen: 119.680 ug/l
RT: 7.701 min Scan# 981
Delta R.T. 0.000 min
Lab File: VY021304.D
Acq: 24 Feb 2025 16:37

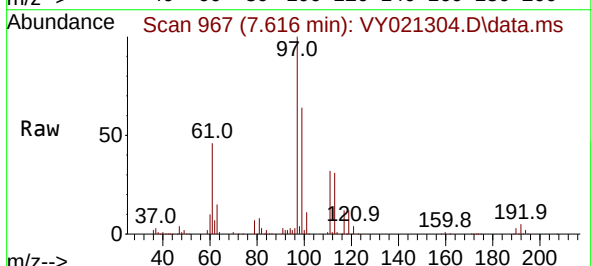
Instrument :
MSVOA_Y
ClientSampleId :



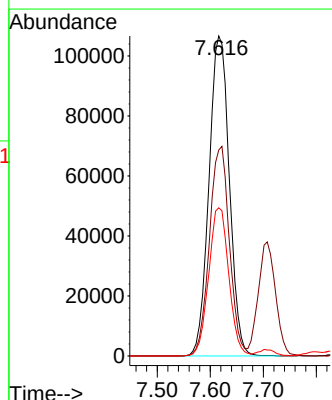
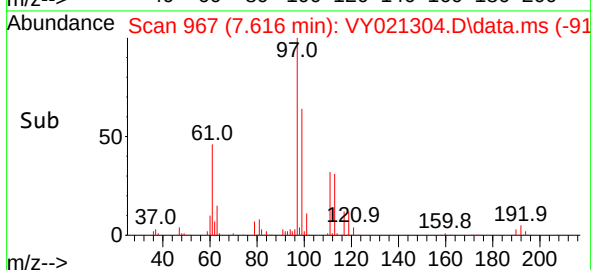
Tgt Ion: 56 Resp: 257331
Ion Ratio Lower Upper
56 100
69 31.4 25.8 38.6
84 85.4 71.4 107.0

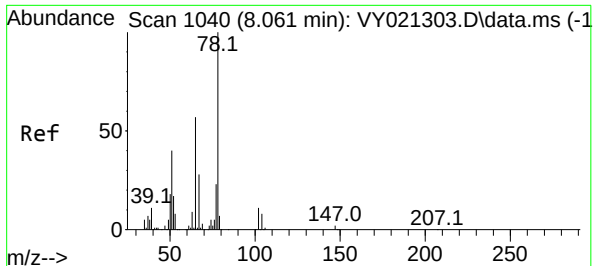


#32
1,1,1-Trichloroethane
Concen: 108.325 ug/l
RT: 7.616 min Scan# 967
Delta R.T. -0.000 min
Lab File: VY021304.D
Acq: 24 Feb 2025 16:37



Tgt Ion: 97 Resp: 283988
Ion Ratio Lower Upper
97 100
99 64.7 50.3 75.5
61 45.9 37.0 55.6





#33

1,2-Dichloroethane-d4

Concen: 97.987 ug/l

RT: 8.061 min Scan# 1104

Delta R.T. 0.000 min

Lab File: VY021304.D

Acq: 24 Feb 2025 16:37

Instrument :

MSVOA_Y

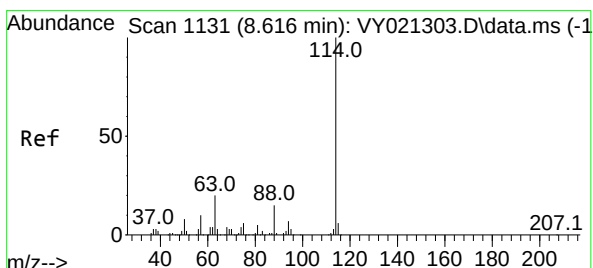
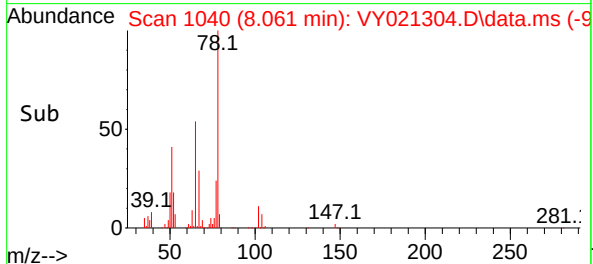
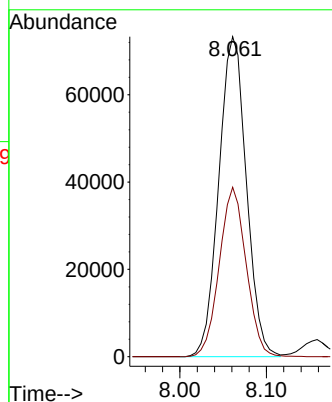
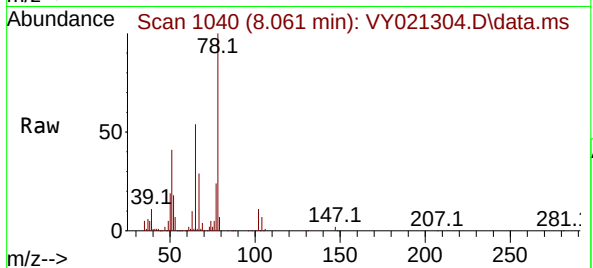
ClientSampleId :

Tgt Ion: 65 Resp: 162160

Ion Ratio Lower Upper

65 100

67 51.5 0.0 99.8



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.616 min Scan# 1131

Delta R.T. 0.000 min

Lab File: VY021304.D

Acq: 24 Feb 2025 16:37

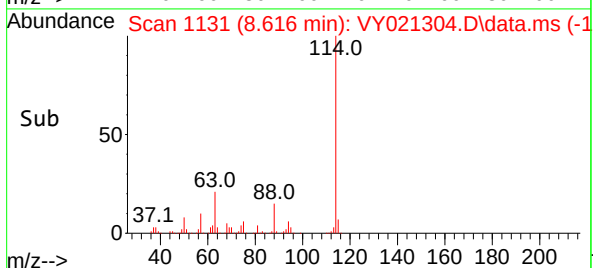
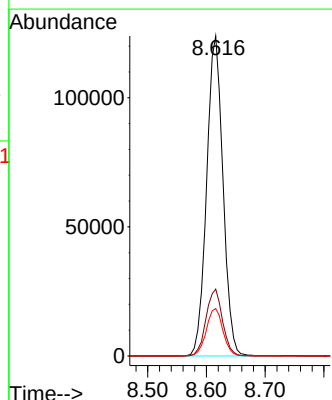
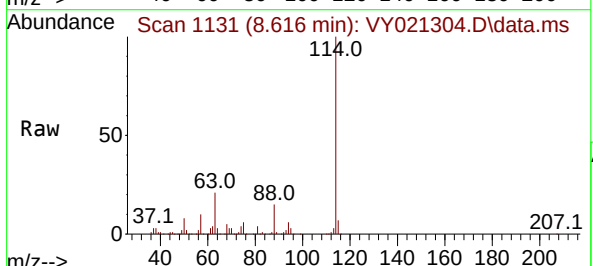
Tgt Ion:114 Resp: 239339

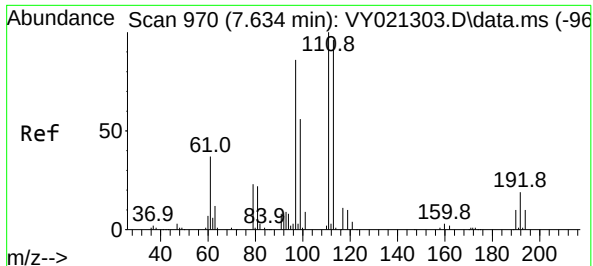
Ion Ratio Lower Upper

114 100

63 20.9 0.0 41.0

88 14.8 0.0 30.2





#35

Dibromofluoromethane

Concen: 95.824 ug/l

RT: 7.634 min Scan# 91

Delta R.T. 0.000 min

Lab File: VY021304.D

Acq: 24 Feb 2025 16:37

Instrument :

MSVOA_Y

ClientSampleId :

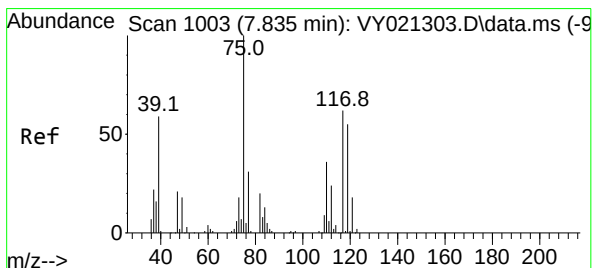
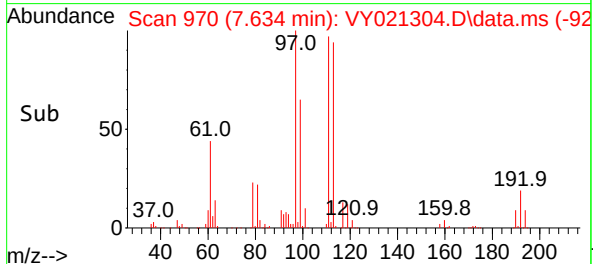
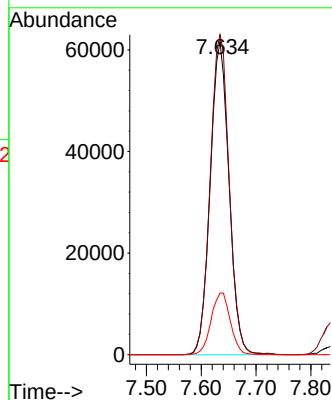
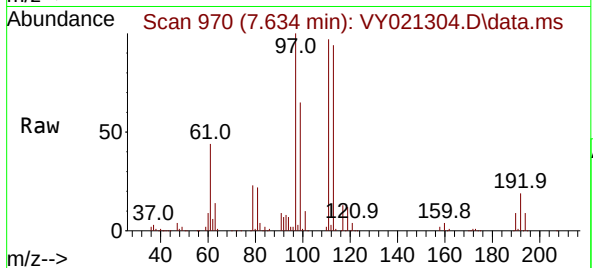
Tgt Ion:113 Resp: 146576

Ion Ratio Lower Upper

113 100

111 103.1 81.1 121.7

192 20.2 15.8 23.8



#36

1,1-Dichloropropene

Concen: 121.390 ug/l

RT: 7.835 min Scan# 1003

Delta R.T. 0.000 min

Lab File: VY021304.D

Acq: 24 Feb 2025 16:37

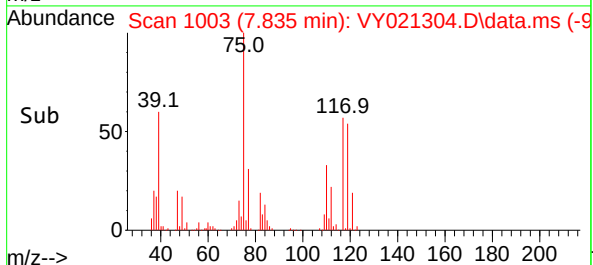
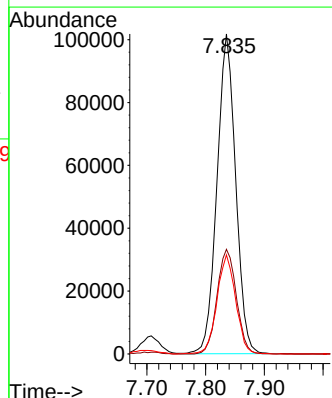
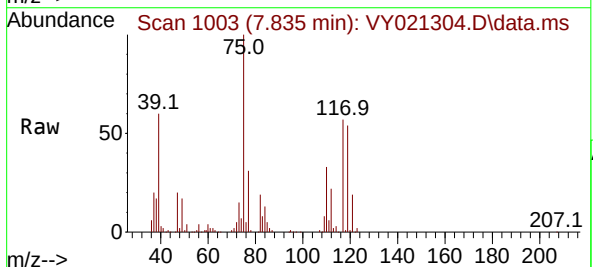
Tgt Ion: 75 Resp: 224553

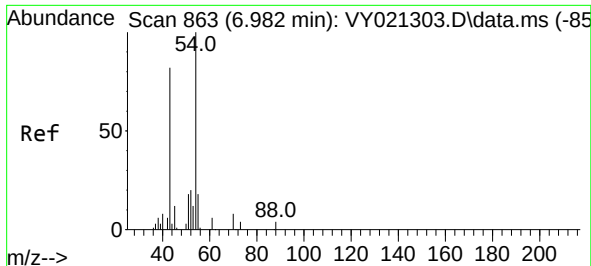
Ion Ratio Lower Upper

75 100

110 33.8 17.0 50.9

77 31.1 25.0 37.6





#37

Ethyl Acetate

Concen: 115.504 ug/l

RT: 6.982 min Scan# 80

Delta R.T. 0.000 min

Lab File: VY021304.D

Acq: 24 Feb 2025 16:37

Instrument :

MSVOA_Y

ClientSampleId :

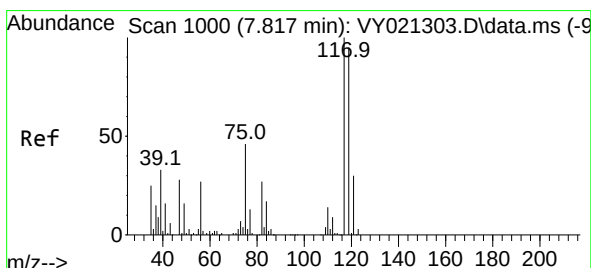
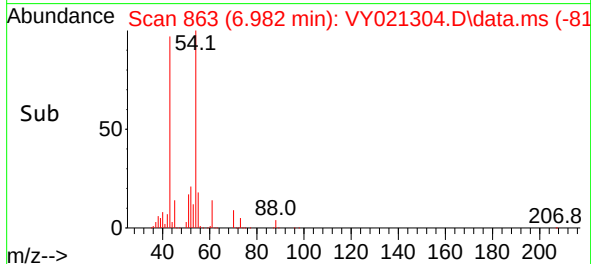
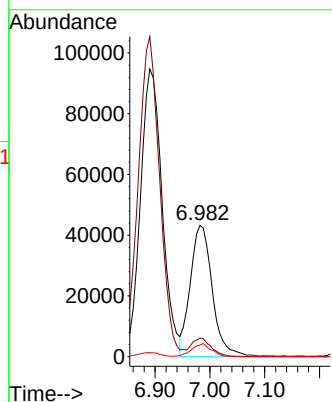
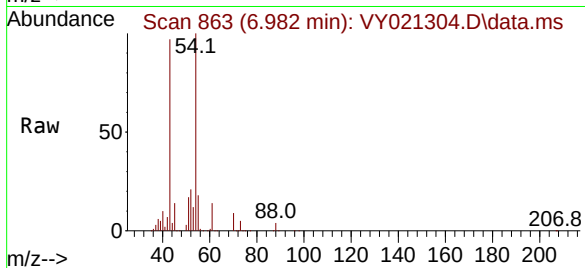
Tgt Ion: 43 Resp: 120051

Ion Ratio Lower Upper

43 100

61 12.5 10.5 15.7

70 9.0 7.4 11.0



#38

Carbon Tetrachloride

Concen: 112.778 ug/l

RT: 7.817 min Scan# 1000

Delta R.T. 0.000 min

Lab File: VY021304.D

Acq: 24 Feb 2025 16:37

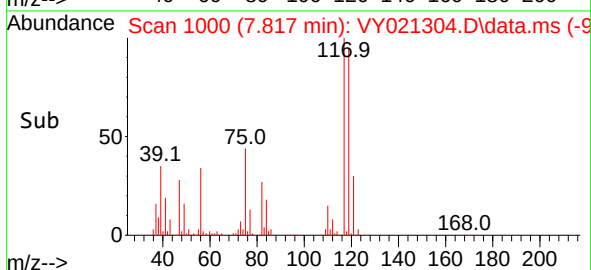
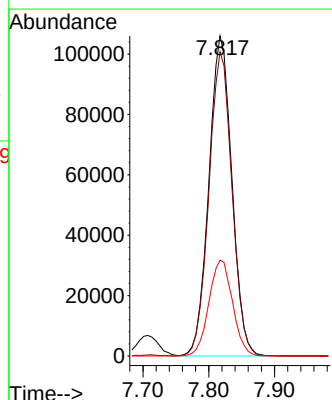
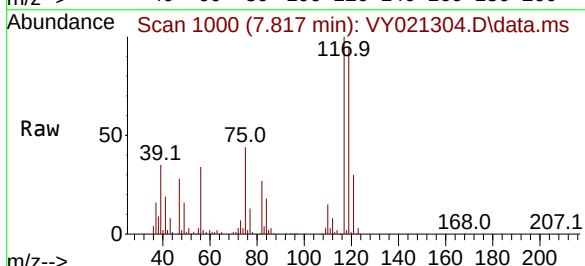
Tgt Ion: 117 Resp: 258009

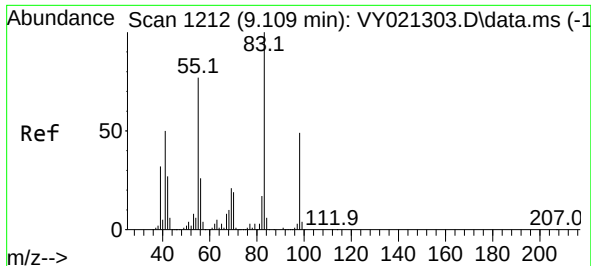
Ion Ratio Lower Upper

117 100

119 95.1 76.0 114.0

121 30.0 23.9 35.9

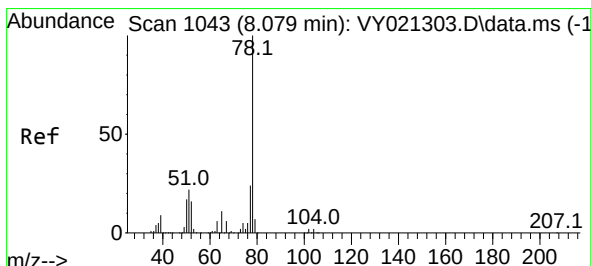
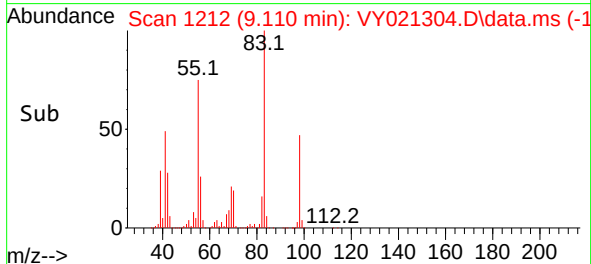
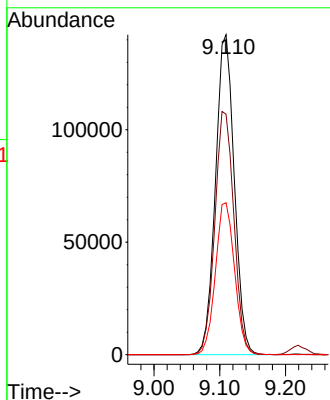
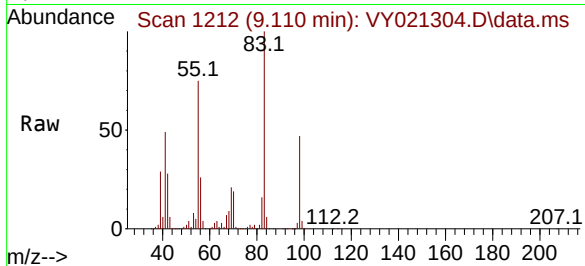




#39
Methylcyclohexane
Concen: 132.260 ug/l
RT: 9.110 min Scan# 11
Delta R.T. 0.001 min
Lab File: VY021304.D
Acq: 24 Feb 2025 16:37

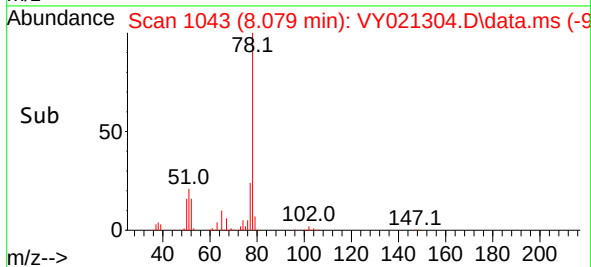
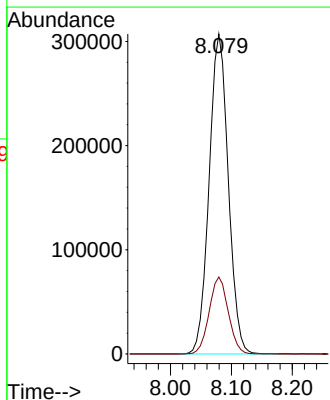
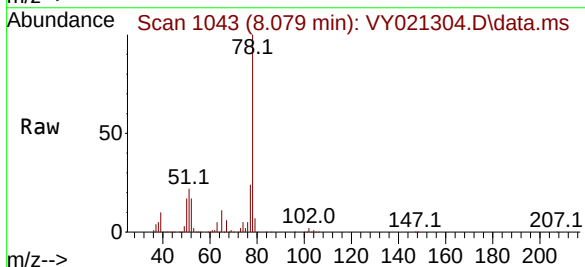
Instrument :
MSVOA_Y
ClientSampleId :

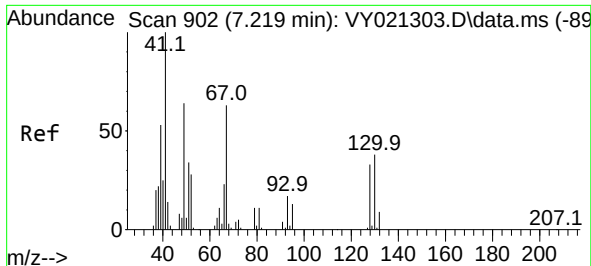
Tgt Ion: 83 Resp: 283135
Ion Ratio Lower Upper
83 100
55 75.1 61.8 92.8
98 47.5 39.2 58.8



#40
Benzene
Concen: 116.703 ug/l
RT: 8.079 min Scan# 1043
Delta R.T. 0.000 min
Lab File: VY021304.D
Acq: 24 Feb 2025 16:37

Tgt Ion: 78 Resp: 670707
Ion Ratio Lower Upper
78 100
77 24.0 19.3 28.9

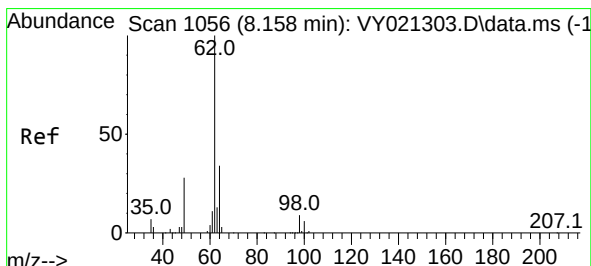
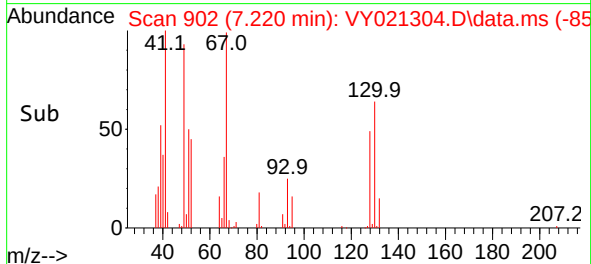
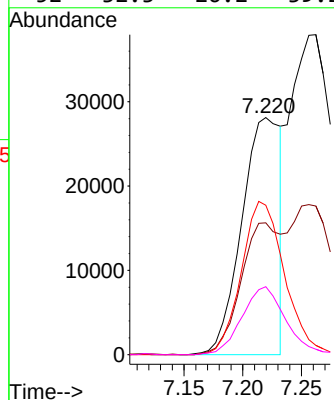
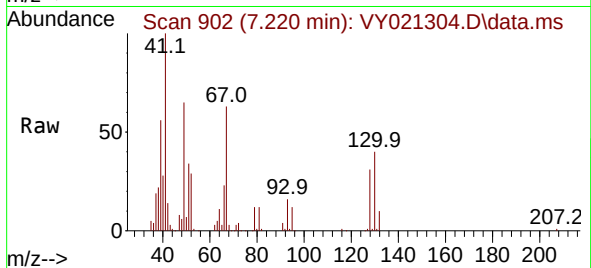




#41
Methacrylonitrile
Concen: 117.295 ug/l
RT: 7.220 min Scan# 902
Delta R.T. 0.000 min
Lab File: VY021304.D
Acq: 24 Feb 2025 16:37

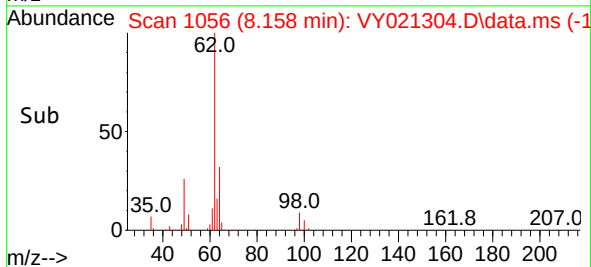
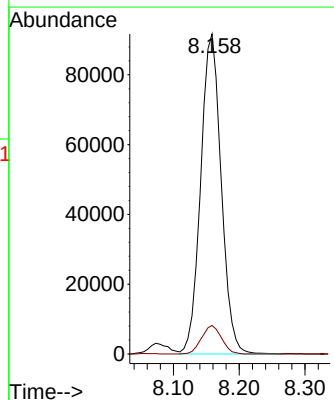
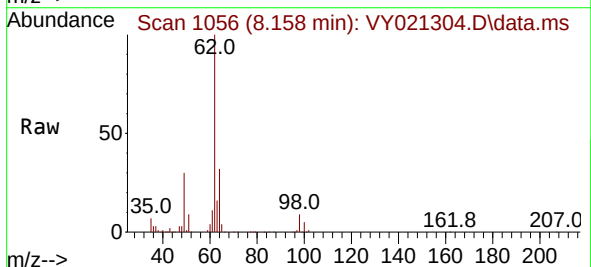
Instrument :
MSVOA_Y
ClientSampleId :

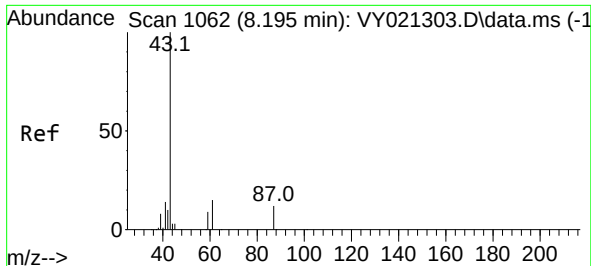
Tgt Ion: 41	Resp: 64894
Ion Ratio	Lower Upper
41 100	
39 55.5	50.1 75.1
67 71.9	59.3 88.9
52 32.3	26.2 39.2



#42
1,2-Dichloroethane
Concen: 113.416 ug/l
RT: 8.158 min Scan# 1056
Delta R.T. 0.000 min
Lab File: VY021304.D
Acq: 24 Feb 2025 16:37

Tgt Ion: 62	Resp: 199054
Ion Ratio	Lower Upper
62 100	
98 8.6	0.0 18.0

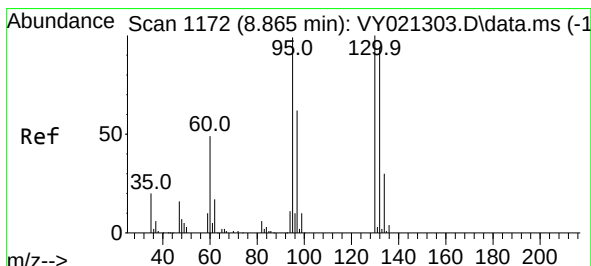
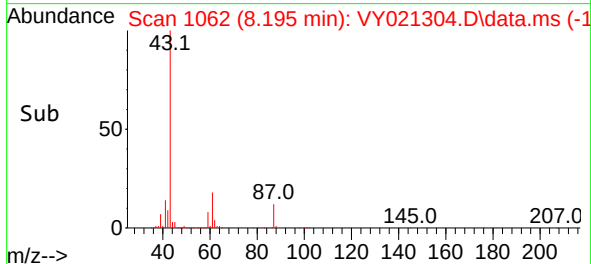
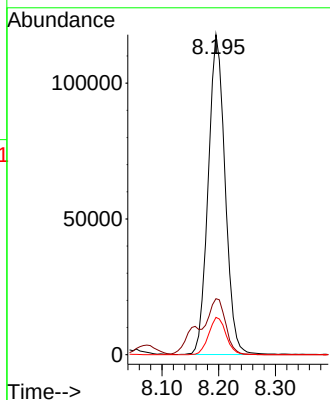
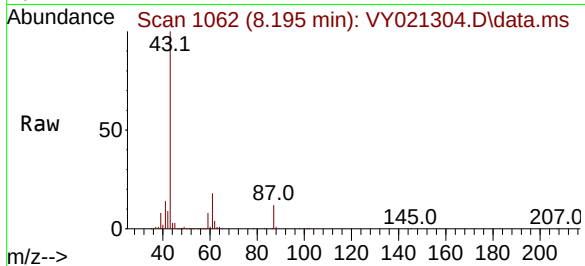




#43
Isopropyl Acetate
Concen: 116.336 ug/l
RT: 8.195 min Scan# 1062
Delta R.T. 0.000 min
Lab File: VY021304.D
Acq: 24 Feb 2025 16:37

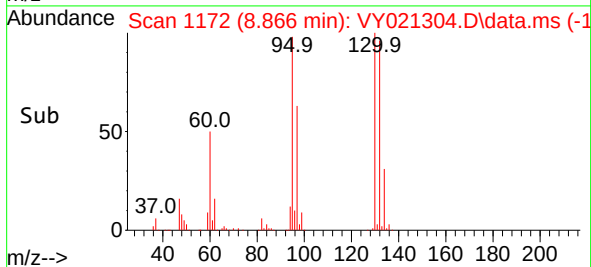
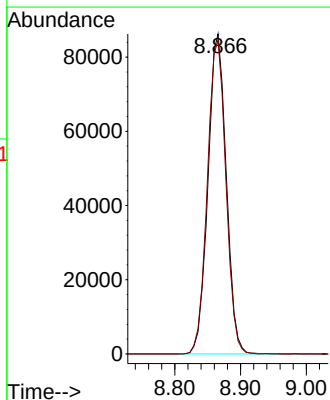
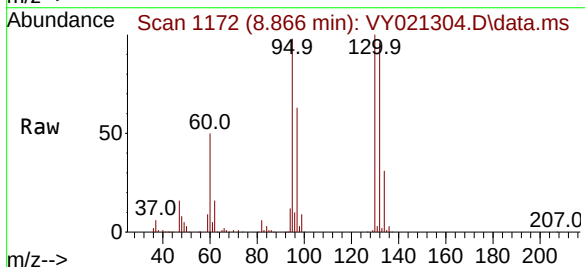
Instrument :
MSVOA_Y
ClientSampleId :

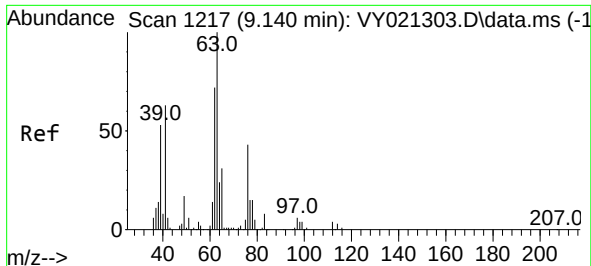
Tgt Ion: 43 Resp: 243508
Ion Ratio Lower Upper
43 100
61 18.3 22.2 33.2#
87 12.0 9.8 14.8



#44
Trichloroethene
Concen: 116.051 ug/l
RT: 8.866 min Scan# 1172
Delta R.T. 0.000 min
Lab File: VY021304.D
Acq: 24 Feb 2025 16:37

Tgt Ion:130 Resp: 166775
Ion Ratio Lower Upper
130 100
95 98.0 0.0 197.0





#45

1,2-Dichloropropane

Concen: 109.284 ug/l

RT: 9.140 min Scan# 1217

Delta R.T. 0.000 min

Lab File: VY021304.D

Acq: 24 Feb 2025 16:37

Instrument :

MSVOA_Y

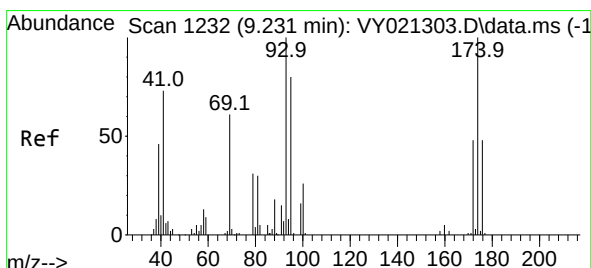
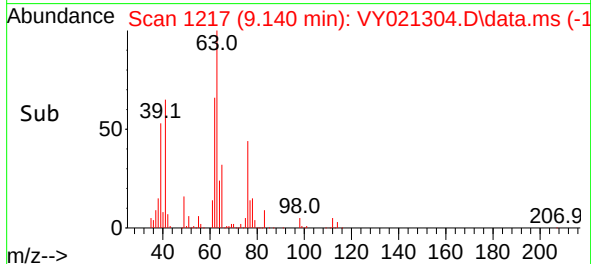
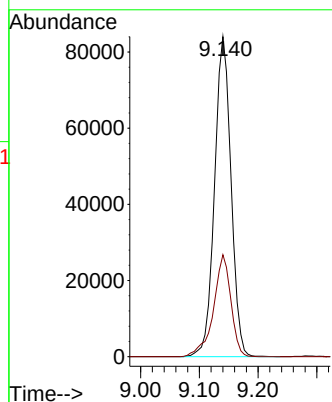
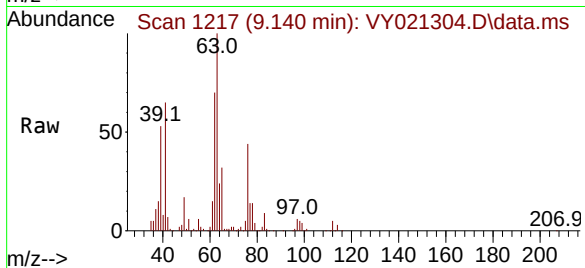
ClientSampleId :

Tgt Ion: 63 Resp: 163730

Ion Ratio Lower Upper

63 100

65 31.9 24.8 37.2



#46

Dibromomethane

Concen: 114.594 ug/l

RT: 9.231 min Scan# 1232

Delta R.T. 0.000 min

Lab File: VY021304.D

Acq: 24 Feb 2025 16:37

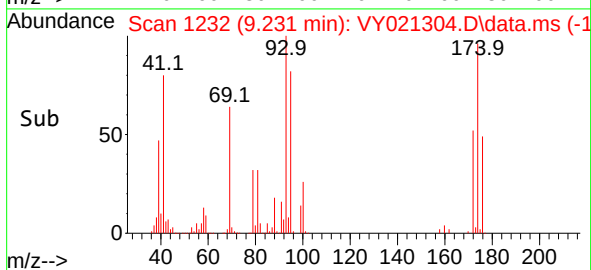
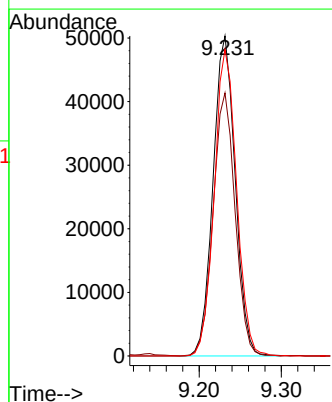
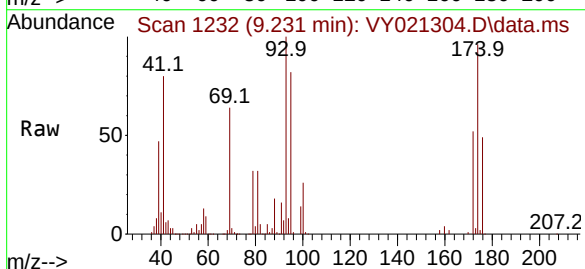
Tgt Ion: 93 Resp: 93926

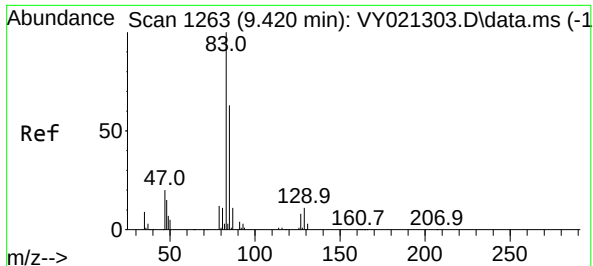
Ion Ratio Lower Upper

93 100

95 82.2 65.7 98.5

174 96.7 77.4 116.2

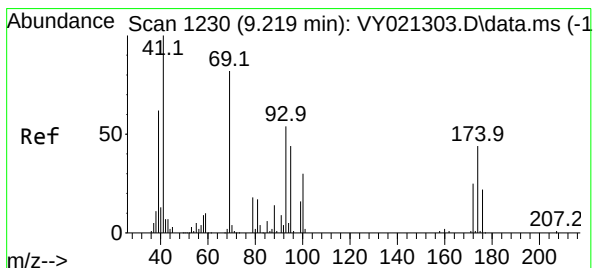
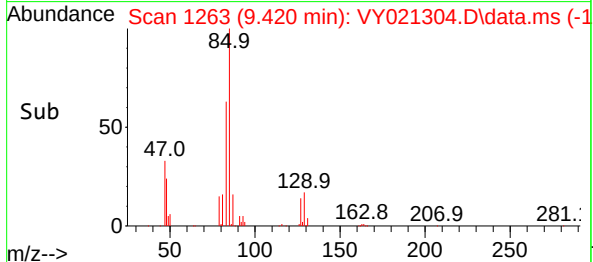
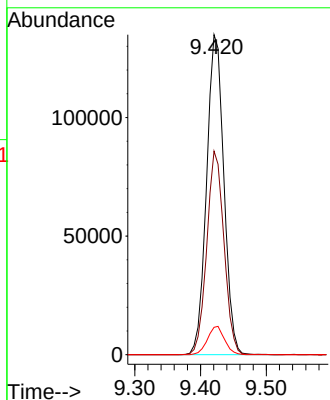
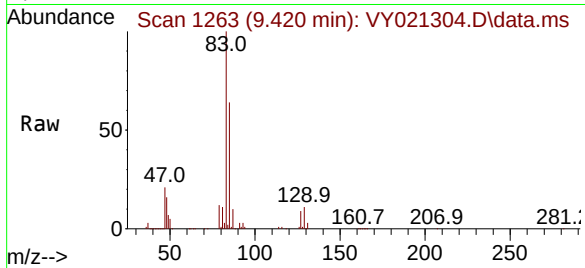




#47
Bromodichloromethane
Concen: 108.102 ug/l
RT: 9.420 min Scan# 1263
Delta R.T. 0.000 min
Lab File: VY021304.D
Acq: 24 Feb 2025 16:37

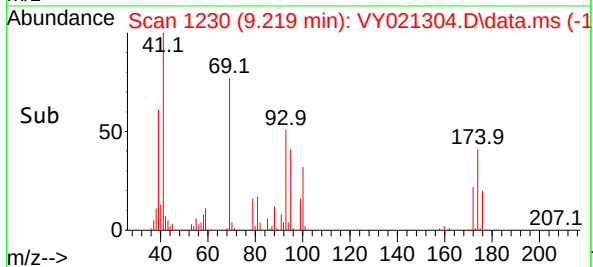
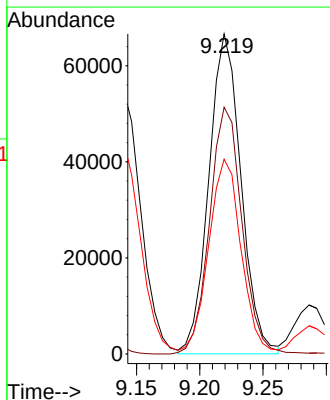
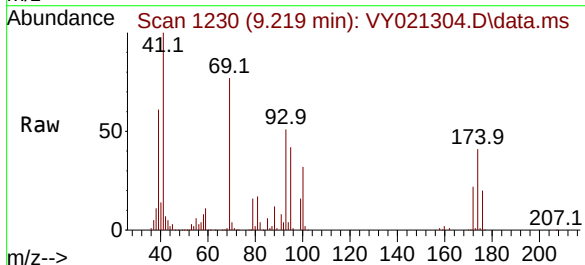
Instrument :
MSVOA_Y
ClientSampleId :

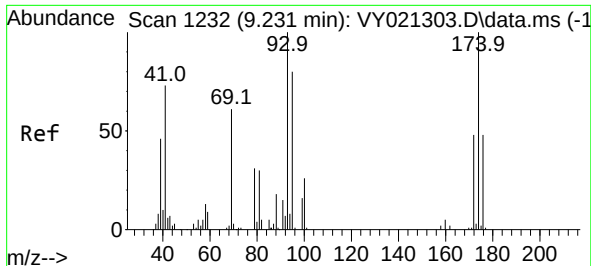
Tgt Ion: 83 Resp: 246421
Ion Ratio Lower Upper
83 100
85 63.6 50.7 76.1
127 8.6 6.8 10.2



#48
Methyl methacrylate
Concen: 123.903 ug/l
RT: 9.219 min Scan# 1230
Delta R.T. 0.000 min
Lab File: VY021304.D
Acq: 24 Feb 2025 16:37

Tgt Ion: 41 Resp: 117852
Ion Ratio Lower Upper
41 100
69 77.7 64.6 97.0
39 59.1 47.9 71.9





#49

1,4-Dioxane

Concen: 2377.145 ug/l

RT: 9.225 min Scan# 11

Delta R.T. -0.006 min

Lab File: VY021304.D

Acq: 24 Feb 2025 16:37

Instrument :

MSVOA_Y

ClientSampleId :

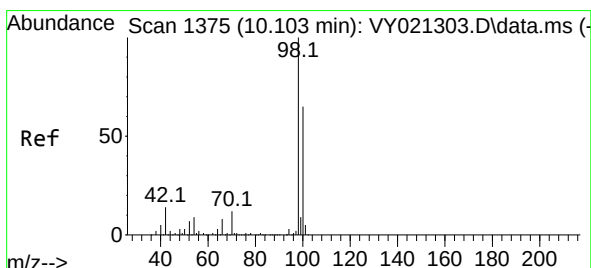
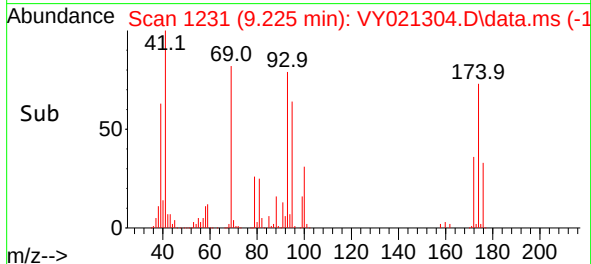
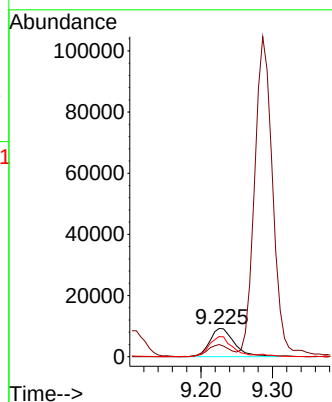
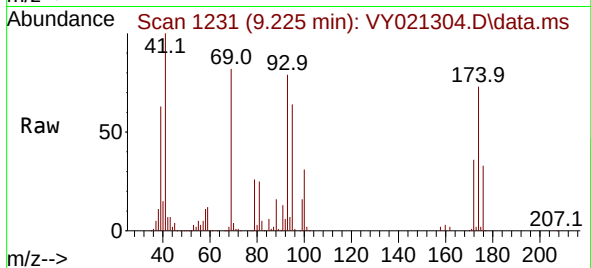
Tgt Ion: 88 Resp: 22174

Ion Ratio Lower Upper

88 100

43 38.5 33.2 49.8

58 66.4 57.8 86.8



#50

Toluene-d8

Concen: 101.345 ug/l

RT: 10.103 min Scan# 1375

Delta R.T. 0.000 min

Lab File: VY021304.D

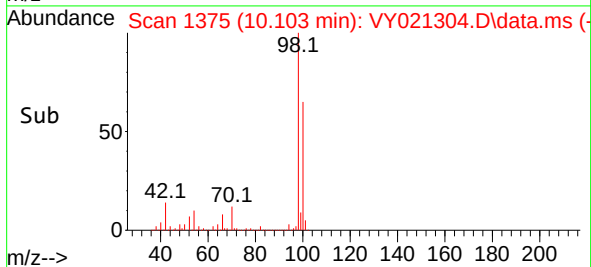
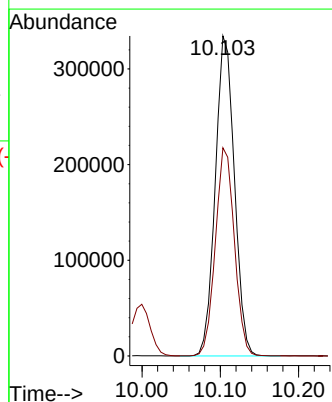
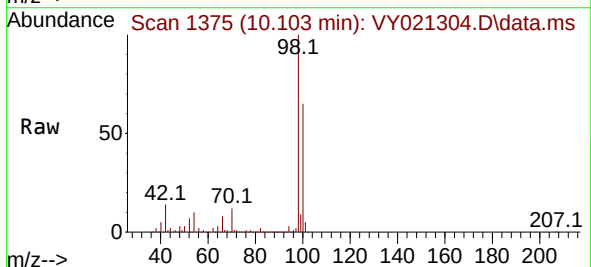
Acq: 24 Feb 2025 16:37

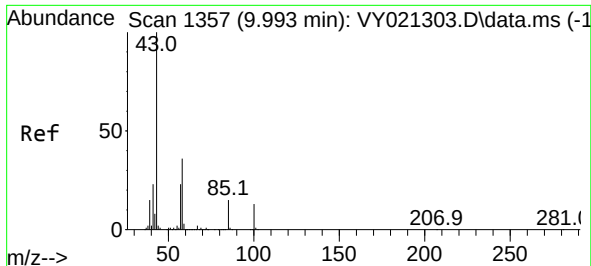
Tgt Ion: 98 Resp: 567879

Ion Ratio Lower Upper

98 100

100 64.8 51.4 77.2

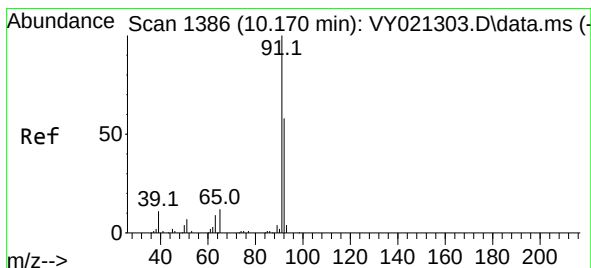
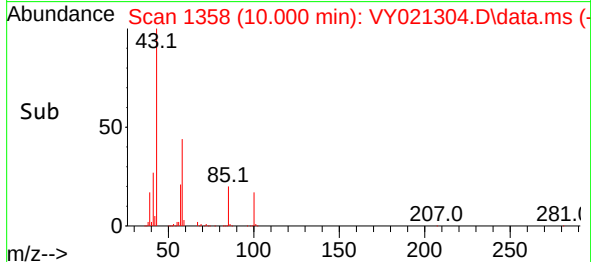
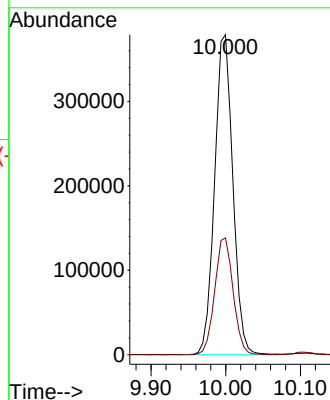
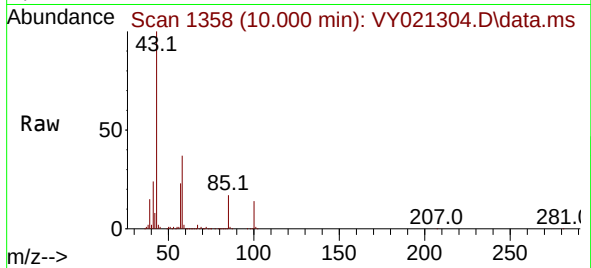




#51
4-Methyl-2-Pentanone
Concen: 578.324 ug/l
RT: 10.000 min Scan# 1358
Delta R.T. 0.006 min
Lab File: VY021304.D
Acq: 24 Feb 2025 16:37

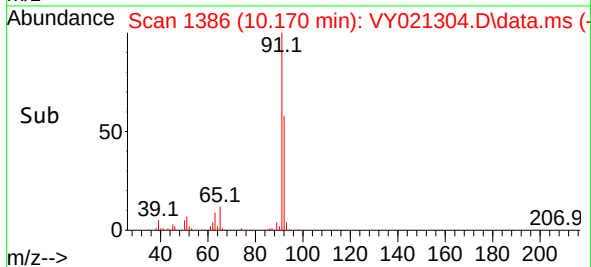
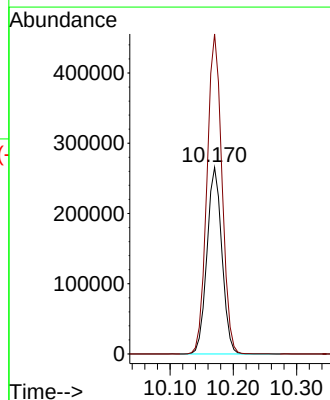
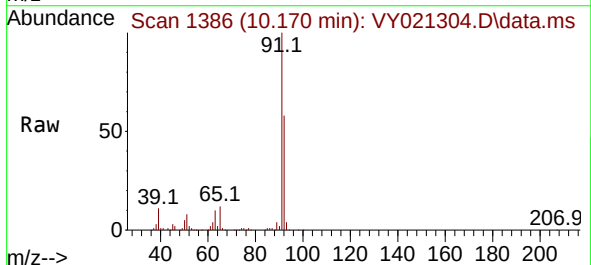
Instrument :
MSVOA_Y
ClientSampleId :

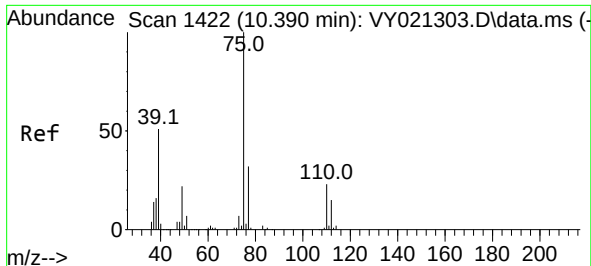
Tgt Ion: 43 Resp: 643458
Ion Ratio Lower Upper
43 100
58 36.9 29.7 44.5



#52
Toluene
Concen: 118.766 ug/l
RT: 10.170 min Scan# 1386
Delta R.T. 0.000 min
Lab File: VY021304.D
Acq: 24 Feb 2025 16:37

Tgt Ion: 92 Resp: 435374
Ion Ratio Lower Upper
92 100
91 172.6 138.3 207.5

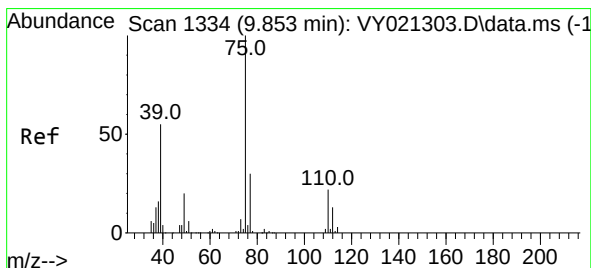
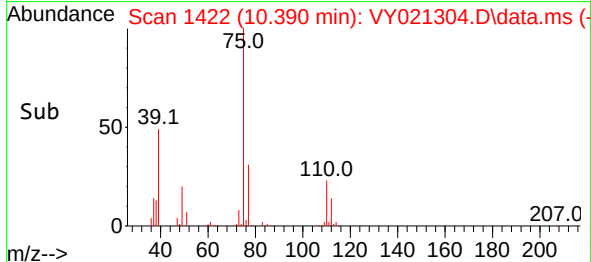
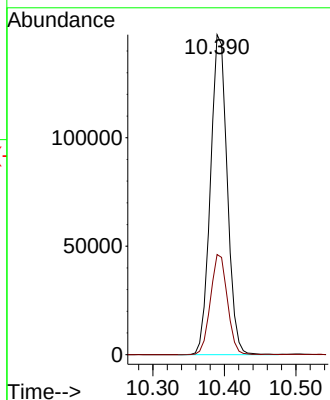
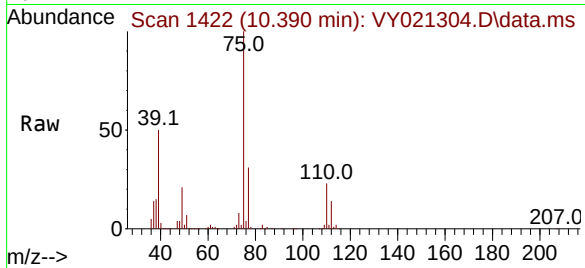




#53
t-1,3-Dichloropropene
Concen: 117.058 ug/l
RT: 10.390 min Scan# 1422
Delta R.T. 0.000 min
Lab File: VY021304.D
Acq: 24 Feb 2025 16:37

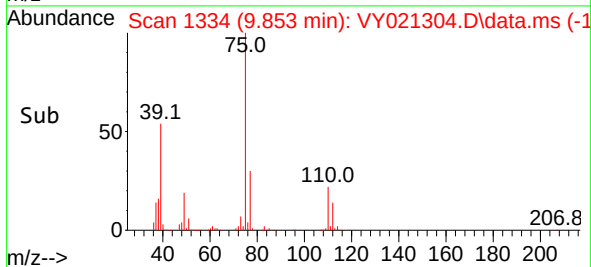
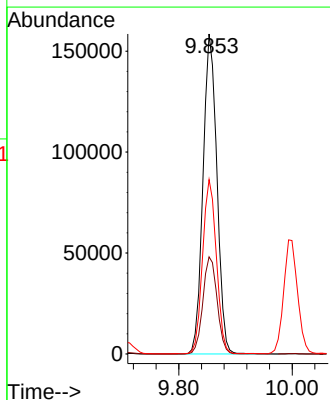
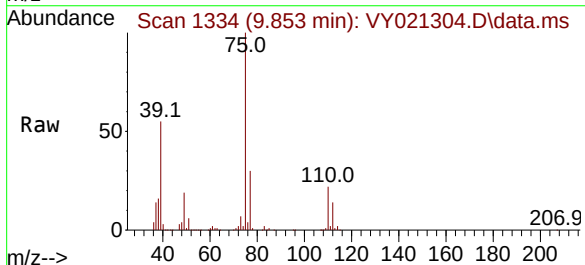
Instrument :
MSVOA_Y
ClientSampleId :

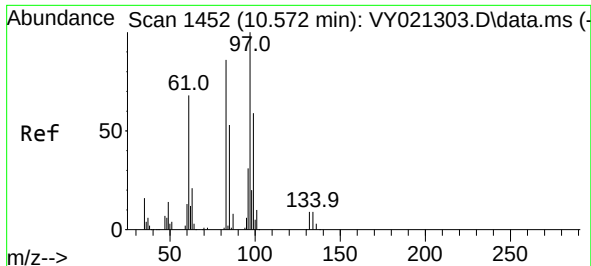
Tgt Ion: 75 Resp: 239927
Ion Ratio Lower Upper
75 100
77 31.3 25.7 38.5



#54
cis-1,3-Dichloropropene
Concen: 115.782 ug/l
RT: 9.853 min Scan# 1334
Delta R.T. 0.000 min
Lab File: VY021304.D
Acq: 24 Feb 2025 16:37

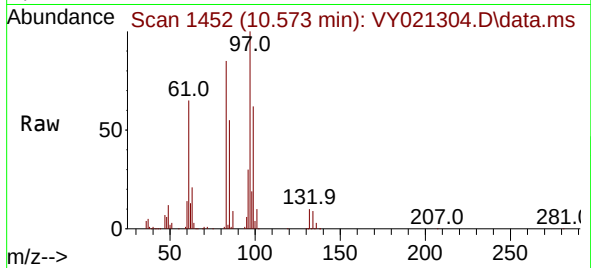
Tgt Ion: 75 Resp: 269422
Ion Ratio Lower Upper
75 100
77 30.4 24.0 36.0
39 54.4 44.1 66.1



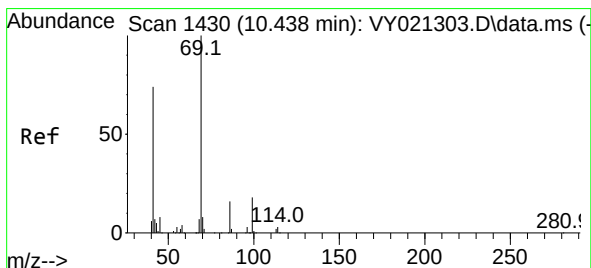
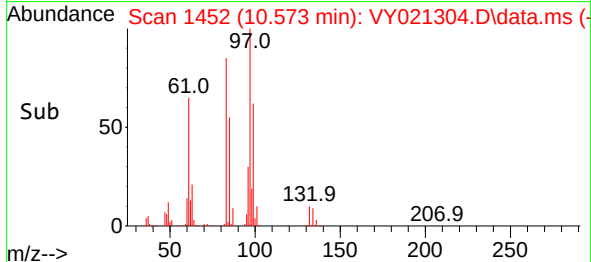
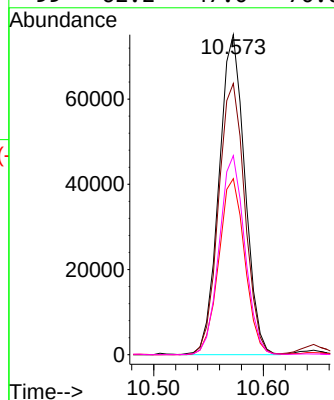


#55
1,1,2-Trichloroethane
Concen: 108.147 ug/l
RT: 10.573 min Scan# 1452
Delta R.T. 0.000 min
Lab File: VY021304.D
Acq: 24 Feb 2025 16:37

Instrument :
MSVOA_Y
ClientSampleId :

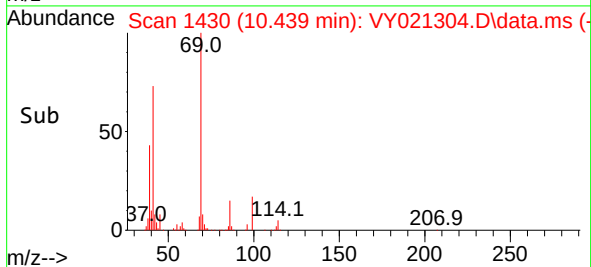
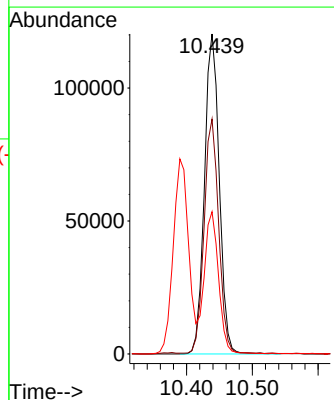
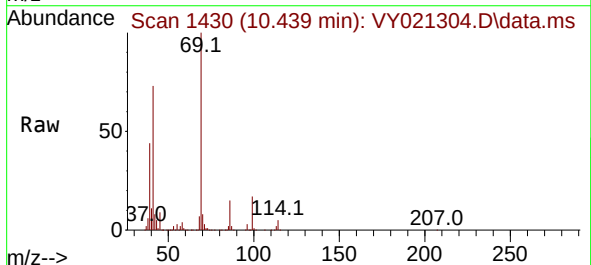


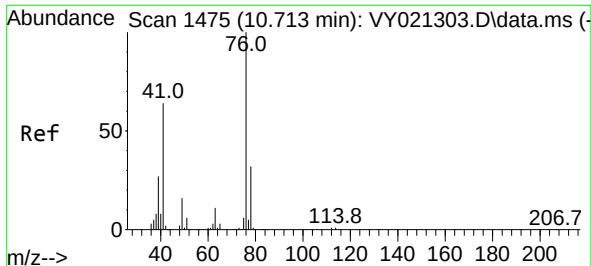
Tgt Ion: 97	Resp: 123161
Ion Ratio	Lower Upper
97 100	
83 84.7	68.5 102.7
85 55.0	42.5 63.7
99 62.2	47.0 70.6



#56
Ethyl methacrylate
Concen: 126.449 ug/l
RT: 10.439 min Scan# 1430
Delta R.T. 0.000 min
Lab File: VY021304.D
Acq: 24 Feb 2025 16:37

Tgt Ion: 69	Resp: 188099		
Ion Ratio	Lower	Upper	
69 100			
41 72.0	58.0	87.0	
39 43.2	35.4	53.0	





#57

1,3-Dichloropropane

Concen: 112.263 ug/l

RT: 10.713 min Scan# 1475

Delta R.T. 0.000 min

Lab File: VY021304.D

Acq: 24 Feb 2025 16:37

Instrument :

MSVOA_Y

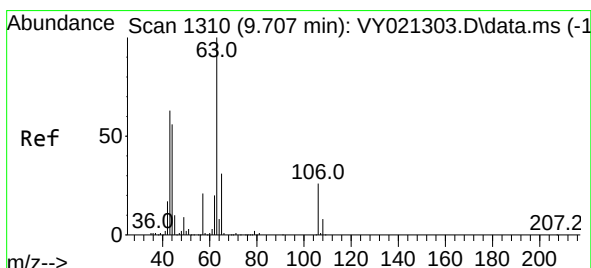
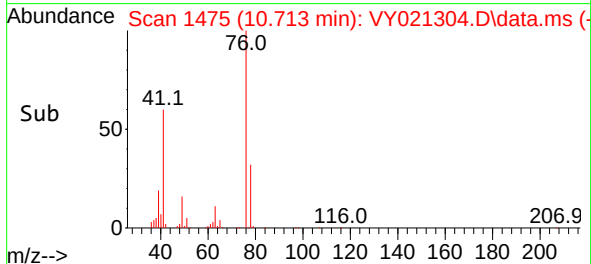
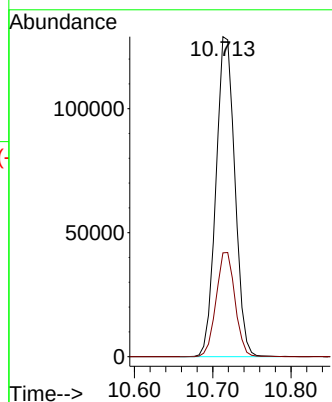
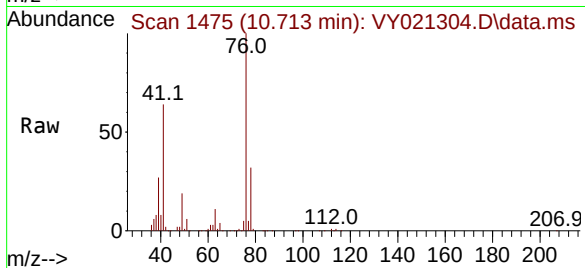
ClientSampleId :

Tgt Ion: 76 Resp: 216519

Ion Ratio Lower Upper

76 100

78 32.6 25.9 38.9



#58

2-Chloroethyl Vinyl ether

Concen: 540.587 ug/l

RT: 9.707 min Scan# 1310

Delta R.T. 0.000 min

Lab File: VY021304.D

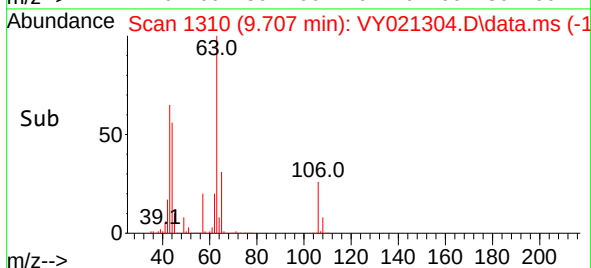
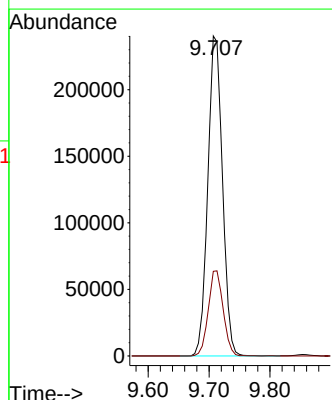
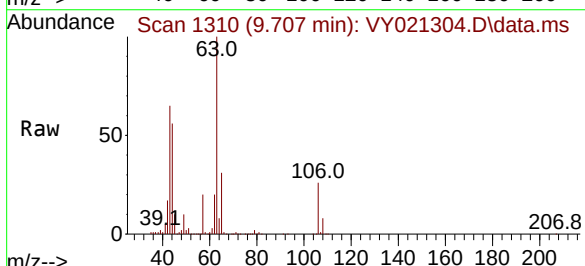
Acq: 24 Feb 2025 16:37

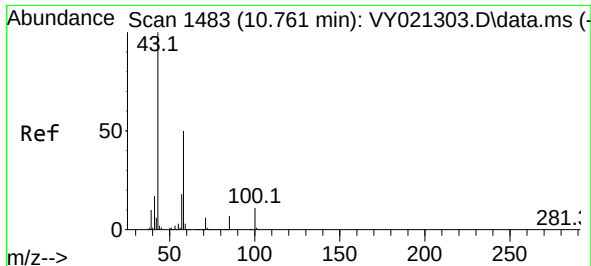
Tgt Ion: 63 Resp: 402947

Ion Ratio Lower Upper

63 100

106 27.0 21.8 32.6

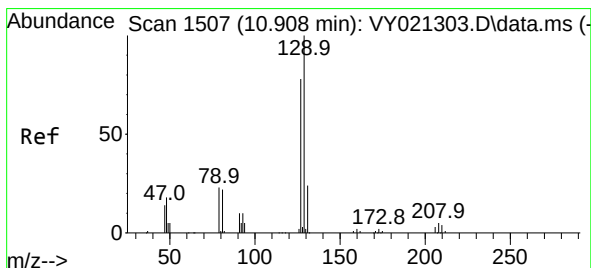
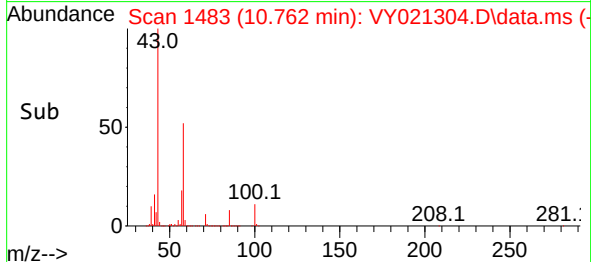
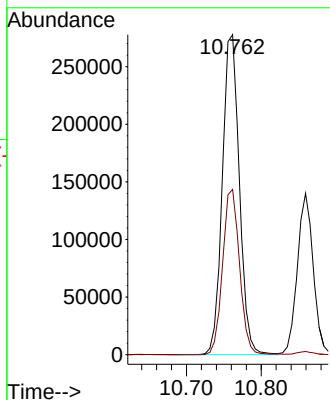
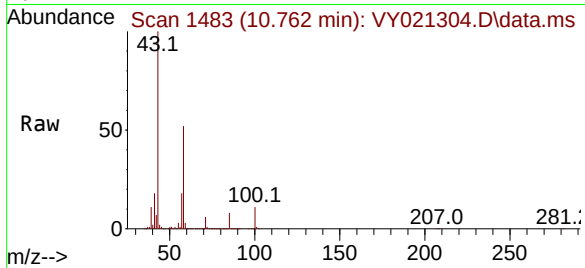




#59
2-Hexanone
Concen: 603.517 ug/l
RT: 10.762 min Scan# 1483
Delta R.T. 0.000 min
Lab File: VY021304.D
Acq: 24 Feb 2025 16:37

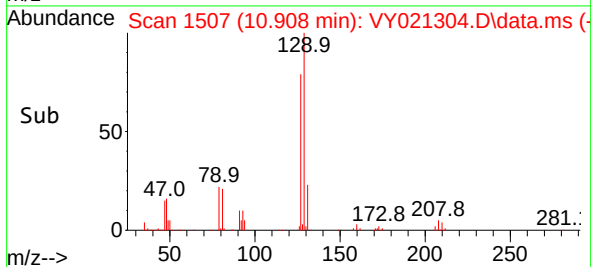
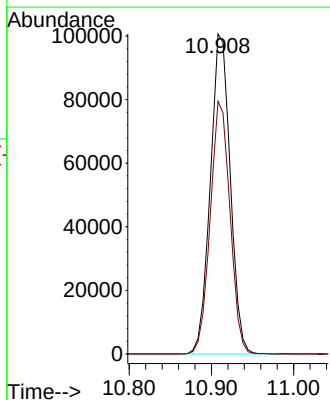
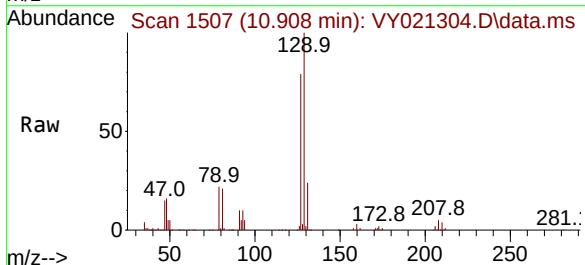
Instrument :
MSVOA_Y
ClientSampleId :

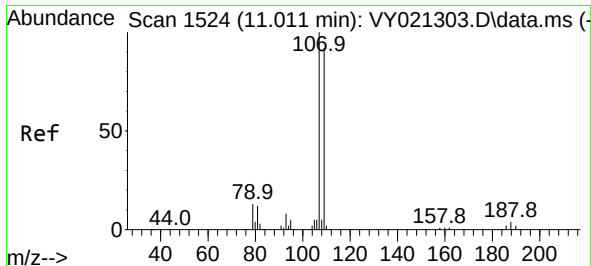
Tgt Ion: 43 Resp: 440157
Ion Ratio Lower Upper
43 100
58 51.4 25.4 76.4



#60
Dibromochloromethane
Concen: 109.071 ug/l
RT: 10.908 min Scan# 1507
Delta R.T. 0.000 min
Lab File: VY021304.D
Acq: 24 Feb 2025 16:37

Tgt Ion:129 Resp: 169500
Ion Ratio Lower Upper
129 100
127 78.2 38.6 115.7

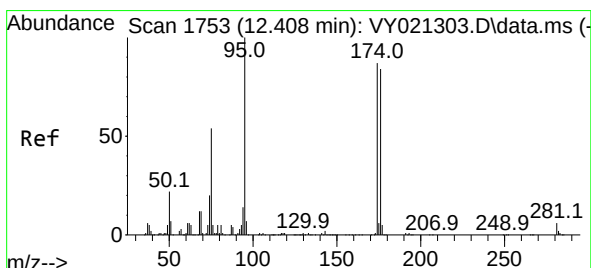
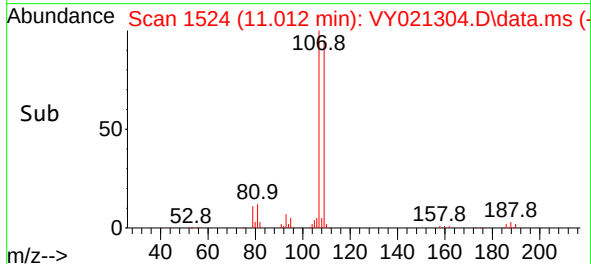
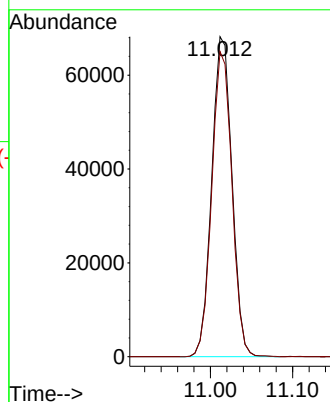
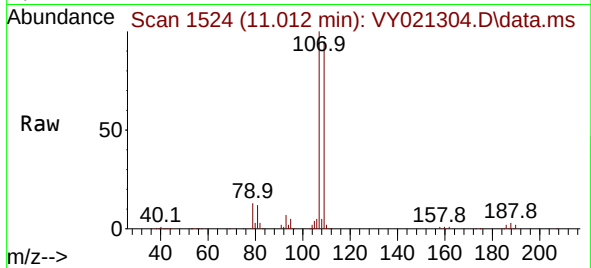




#61
1,2-Dibromoethane
Concen: 115.161 ug/l
RT: 11.012 min Scan# 11
Delta R.T. 0.000 min
Lab File: VY021304.D
Acq: 24 Feb 2025 16:37

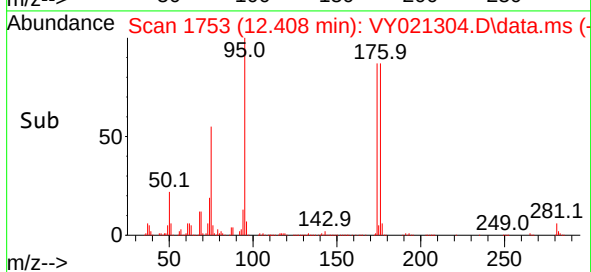
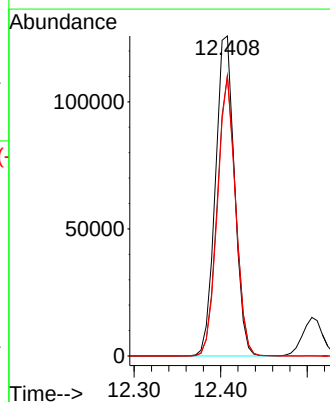
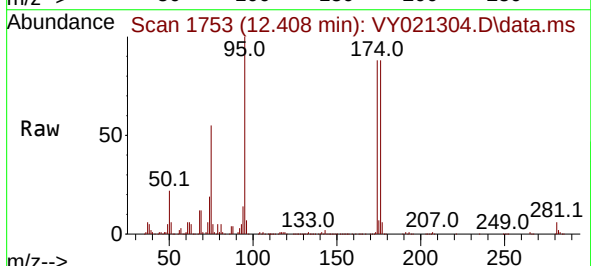
Instrument :
MSVOA_Y
ClientSampleId :

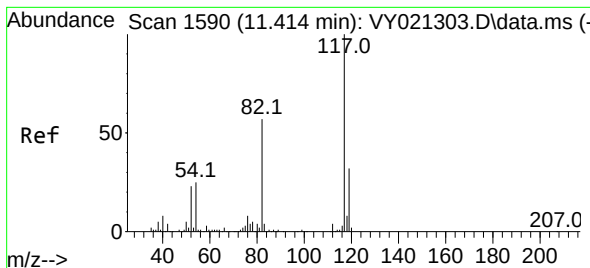
Tgt Ion:107 Resp: 116852
Ion Ratio Lower Upper
107 100
109 94.8 74.5 111.7



#62
4-Bromofluorobenzene
Concen: 99.670 ug/l
RT: 12.408 min Scan# 1753
Delta R.T. 0.000 min
Lab File: VY021304.D
Acq: 24 Feb 2025 16:37

Tgt Ion: 95 Resp: 192878
Ion Ratio Lower Upper
95 100
174 84.4 0.0 168.2
176 82.5 0.0 164.6





#63

Chlorobenzene-d5

Concen: 50.000 ug/l

RT: 11.414 min Scan# 11

Delta R.T. 0.000 min

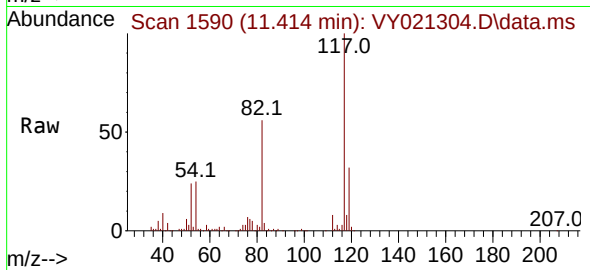
Lab File: VY021304.D

Acq: 24 Feb 2025 16:37

Instrument :

MSVOA_Y

ClientSampleId :



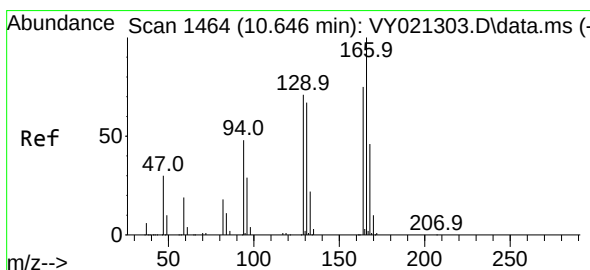
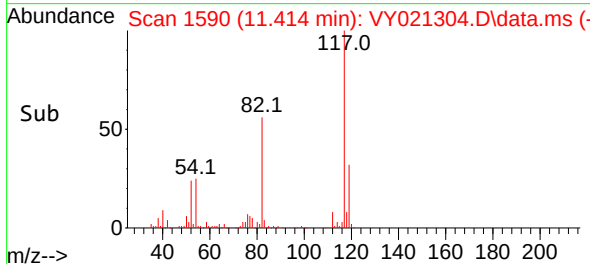
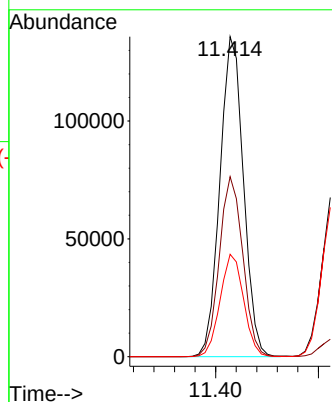
Tgt Ion:117 Resp: 216019

Ion Ratio Lower Upper

117 100

82 56.3 45.6 68.4

119 32.0 25.4 38.2



#64

Tetrachloroethene

Concen: 114.715 ug/l

RT: 10.646 min Scan# 1464

Delta R.T. 0.000 min

Lab File: VY021304.D

Acq: 24 Feb 2025 16:37

Tgt Ion:164 Resp: 154299

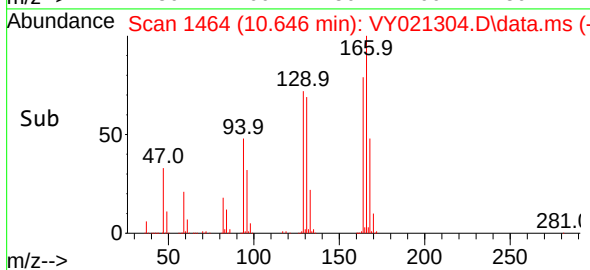
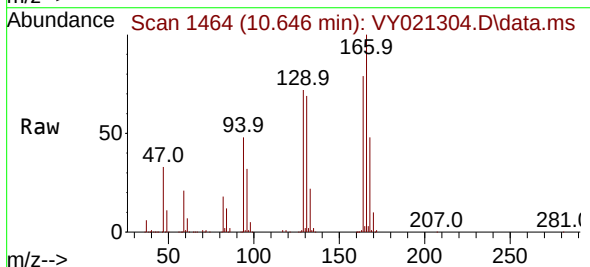
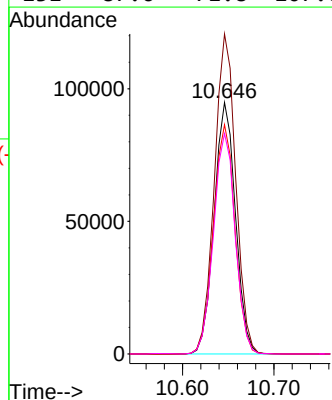
Ion Ratio Lower Upper

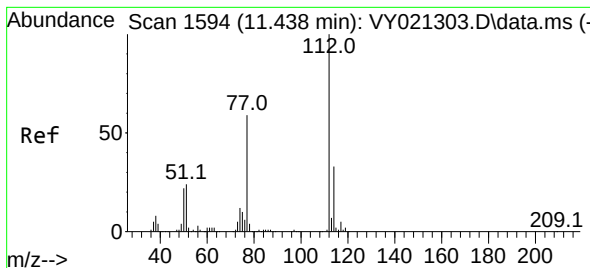
164 100

166 127.2 106.5 159.7

129 91.2 75.2 112.8

131 87.6 71.8 107.6





#65

Chlorobenzene

Concen: 110.609 ug/l

RT: 11.444 min Scan# 11

Delta R.T. 0.006 min

Lab File: VY021304.D

Acq: 24 Feb 2025 16:37

Instrument :

MSVOA_Y

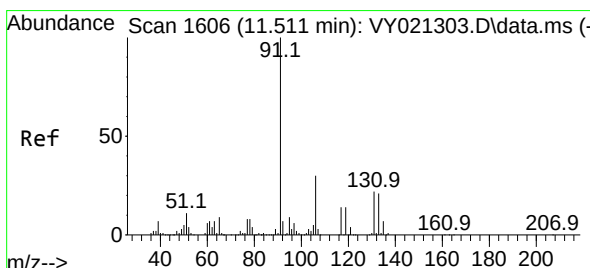
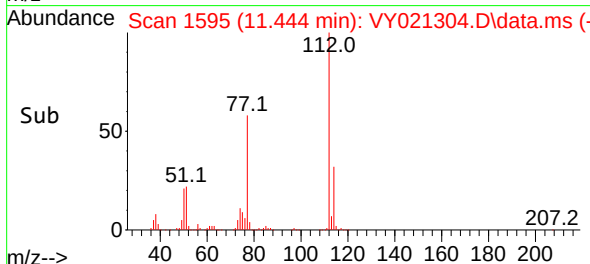
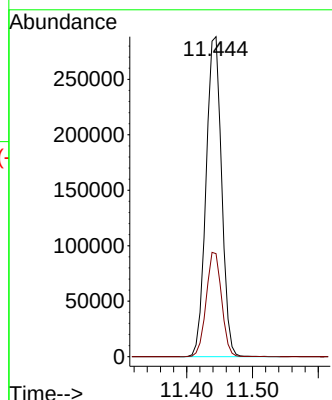
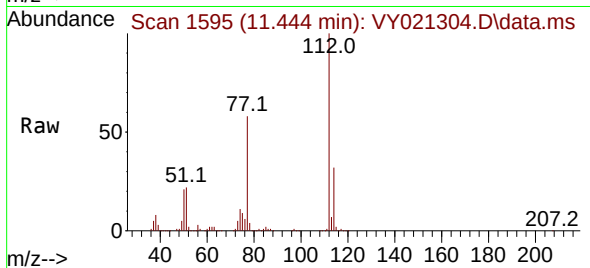
ClientSampleId :

Tgt Ion:112 Resp: 473836

Ion Ratio Lower Upper

112 100

114 32.2 26.1 39.1



#66

1,1,1,2-Tetrachloroethane

Concen: 104.274 ug/l

RT: 11.518 min Scan# 1607

Delta R.T. 0.006 min

Lab File: VY021304.D

Acq: 24 Feb 2025 16:37

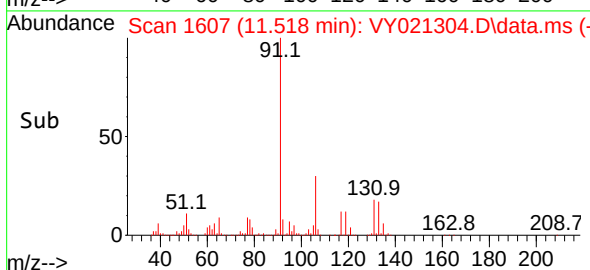
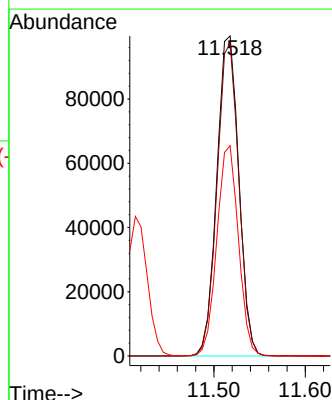
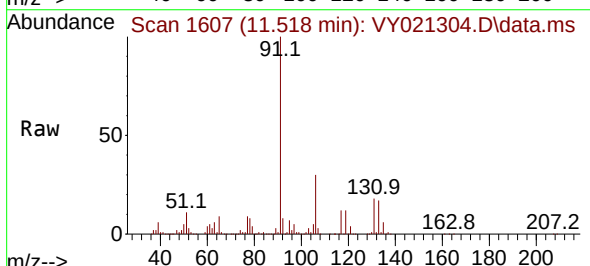
Tgt Ion:131 Resp: 167253

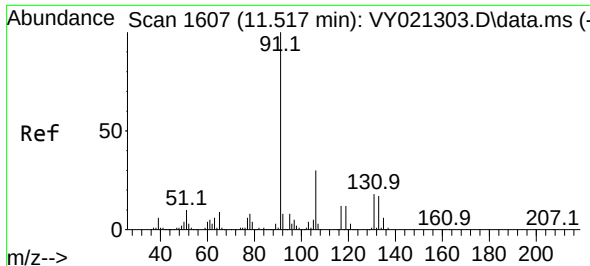
Ion Ratio Lower Upper

131 100

133 96.4 48.3 144.9

119 64.3 32.3 96.9





#67

Ethyl Benzene

Concen: 114.241 ug/l

RT: 11.518 min Scan# 1607

Delta R.T. 0.000 min

Lab File: VY021304.D

Acq: 24 Feb 2025 16:37

Instrument :

MSVOA_Y

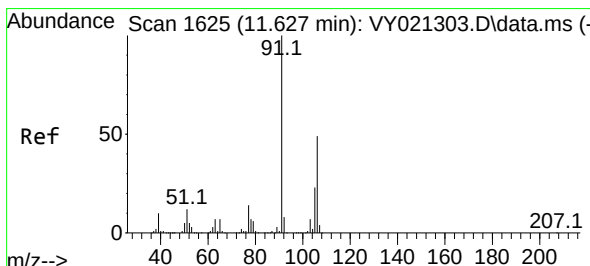
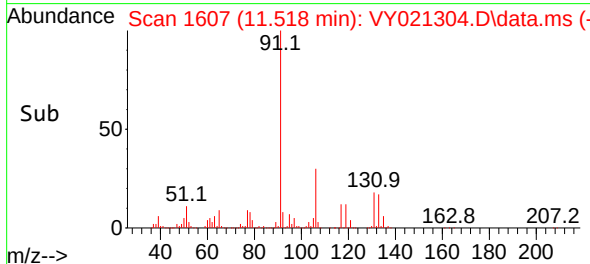
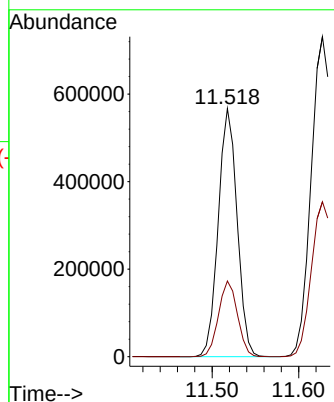
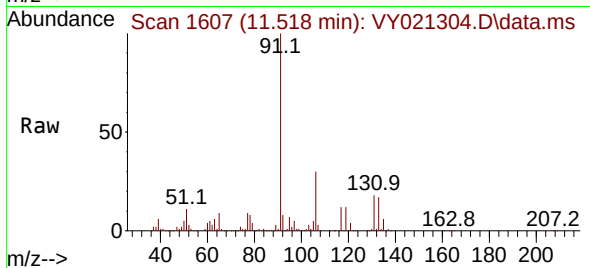
ClientSampleId :

Tgt Ion: 91 Resp: 857841

Ion Ratio Lower Upper

91 100

106 30.5 24.2 36.4



#68

m/p-Xylenes

Concen: 229.747 ug/l

RT: 11.627 min Scan# 1625

Delta R.T. 0.000 min

Lab File: VY021304.D

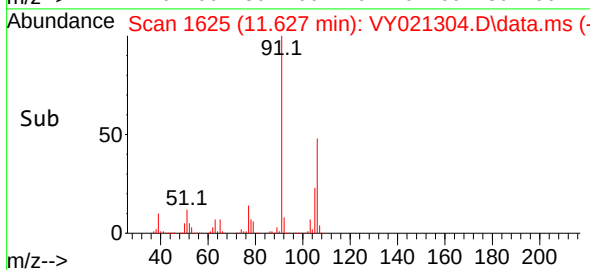
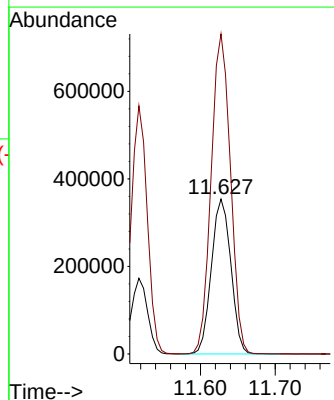
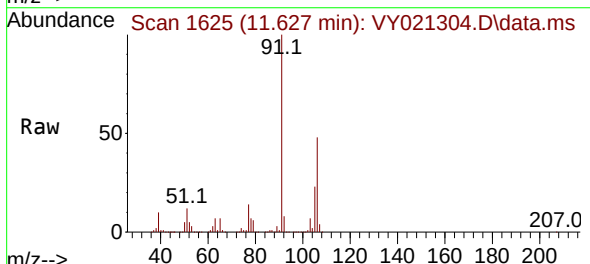
Acq: 24 Feb 2025 16:37

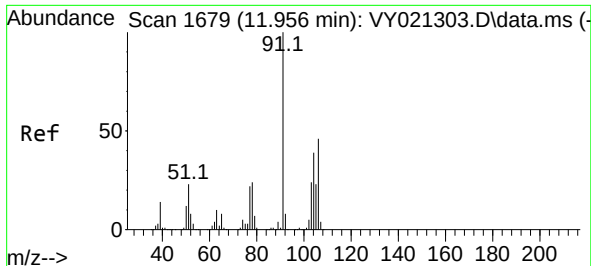
Tgt Ion:106 Resp: 639751

Ion Ratio Lower Upper

106 100

91 205.5 164.0 246.0

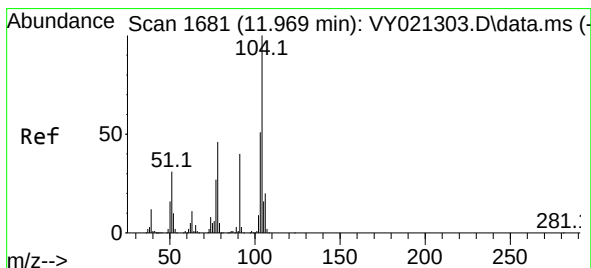
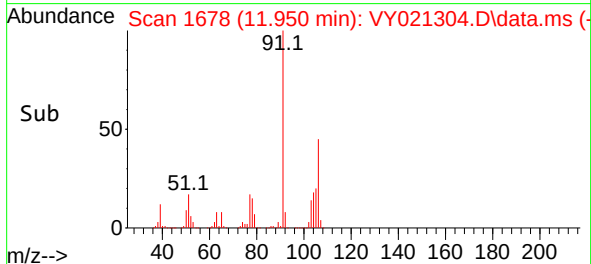
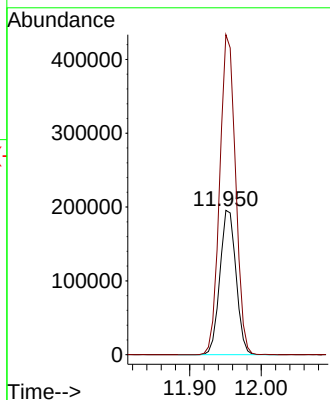
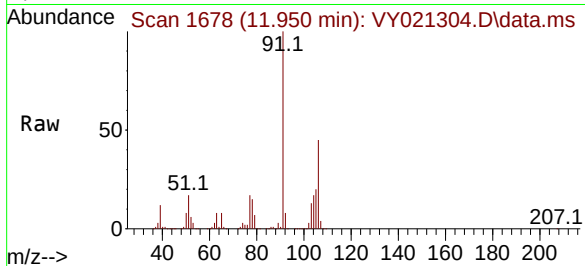




#69
o-Xylene
Concen: 114.345 ug/l
RT: 11.950 min Scan# 11
Delta R.T. -0.006 min
Lab File: VY021304.D
Acq: 24 Feb 2025 16:37

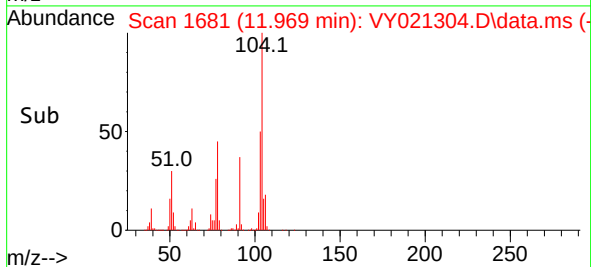
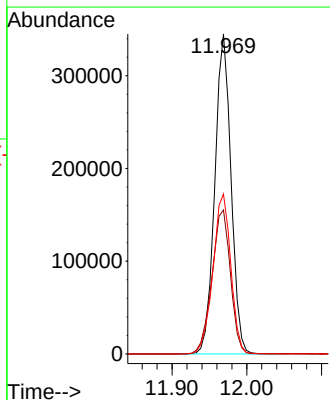
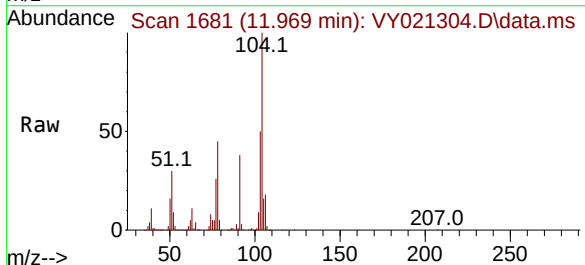
Instrument :
MSVOA_Y
ClientSampleId :

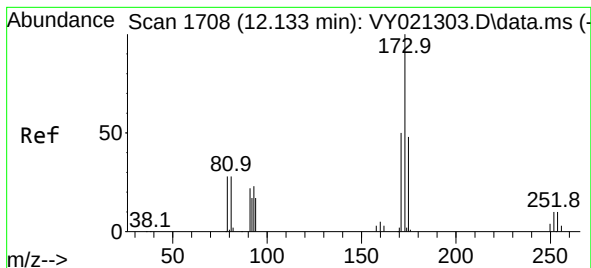
Tgt Ion:106 Resp: 306280
Ion Ratio Lower Upper
106 100
91 217.8 108.8 326.4



#70
Styrene
Concen: 114.471 ug/l
RT: 11.969 min Scan# 1681
Delta R.T. 0.000 min
Lab File: VY021304.D
Acq: 24 Feb 2025 16:37

Tgt Ion:104 Resp: 520057
Ion Ratio Lower Upper
104 100
78 51.4 41.0 61.6
103 55.0 44.2 66.4





#71

Bromoform

Concen: 107.550 ug/l

RT: 12.133 min Scan# 1

Delta R.T. 0.000 min

Lab File: VY021304.D

Acq: 24 Feb 2025 16:37

Instrument :

MSVOA_Y

ClientSampleId :

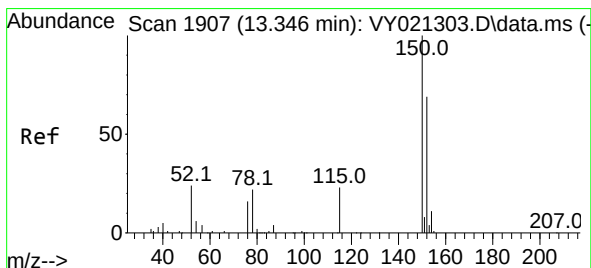
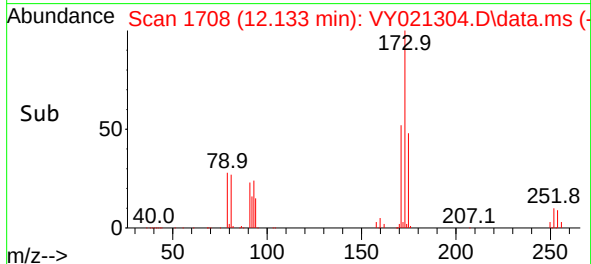
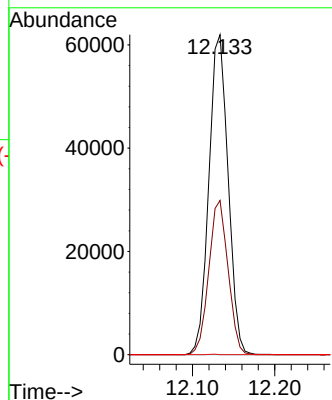
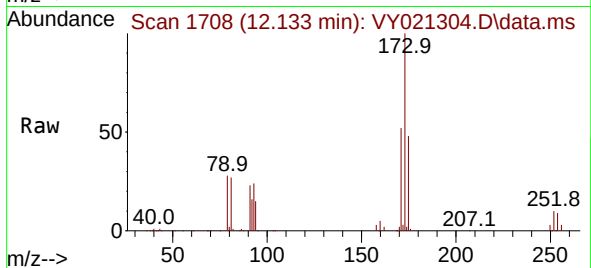
Tgt Ion:173 Resp: 100582

Ion Ratio Lower Upper

173 100

175 48.3 24.4 73.2

254 0.0 0.0 0.0



#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 13.347 min Scan# 1907

Delta R.T. 0.000 min

Lab File: VY021304.D

Acq: 24 Feb 2025 16:37

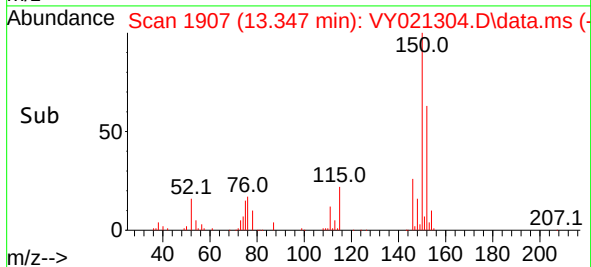
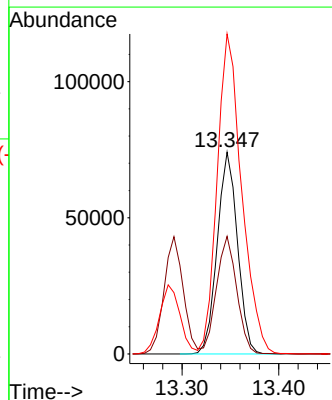
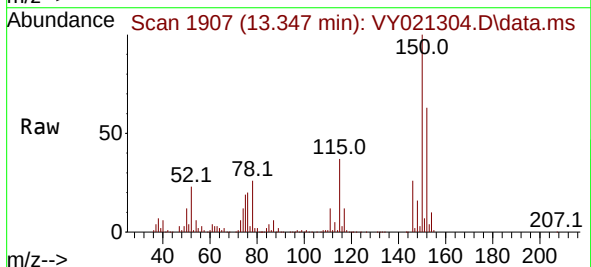
Tgt Ion:152 Resp: 107653

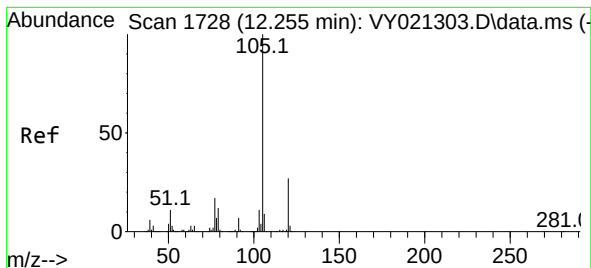
Ion Ratio Lower Upper

152 100

115 58.7 29.0 87.1

150 191.8 0.0 345.8





#73

Isopropylbenzene

Concen: 111.270 ug/l

RT: 12.255 min Scan# 1728

Delta R.T. 0.000 min

Lab File: VY021304.D

Acq: 24 Feb 2025 16:37

Instrument :

MSVOA_Y

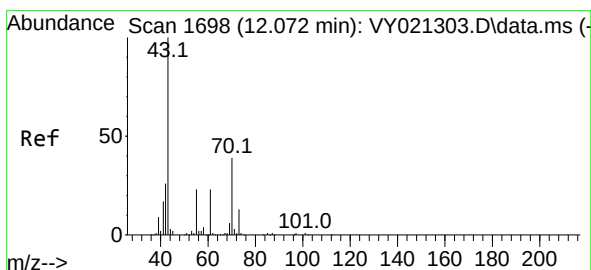
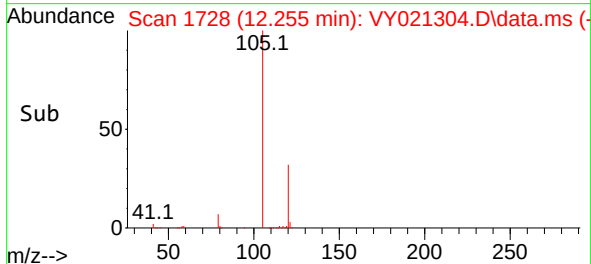
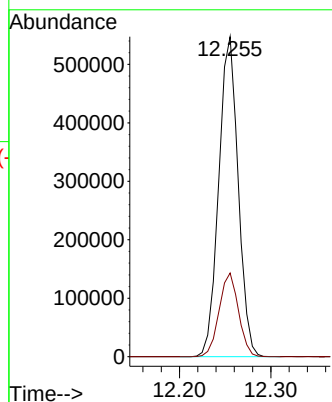
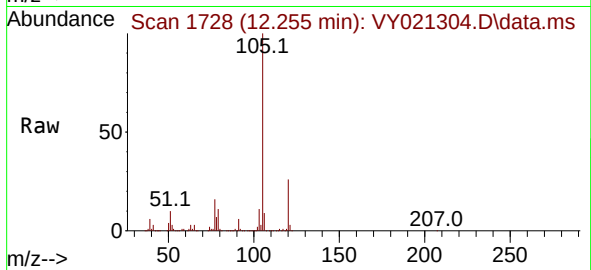
ClientSampleId :

Tgt Ion:105 Resp: 809128

Ion Ratio Lower Upper

105 100

120 26.0 13.2 39.5



#74

N-ethyl acetate

Concen: 121.674 ug/l

RT: 12.072 min Scan# 1698

Delta R.T. 0.000 min

Lab File: VY021304.D

Acq: 24 Feb 2025 16:37

Tgt Ion: 43 Resp: 233778

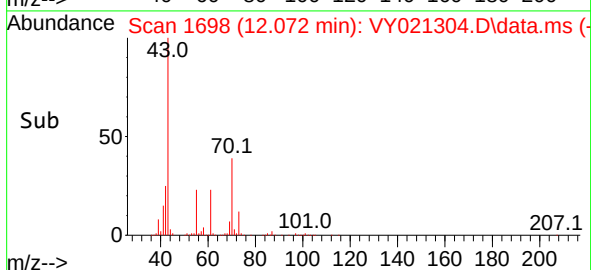
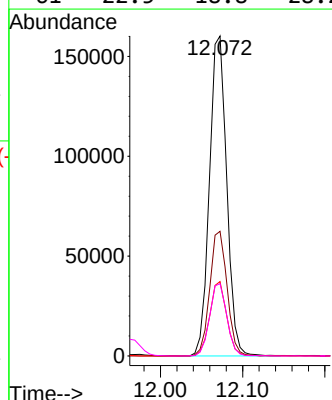
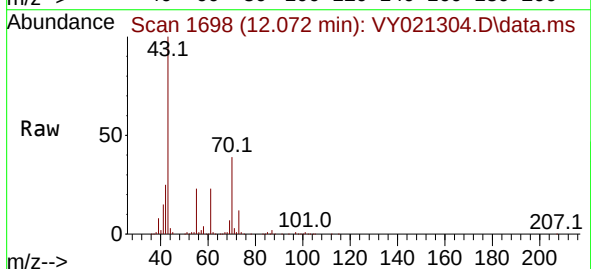
Ion Ratio Lower Upper

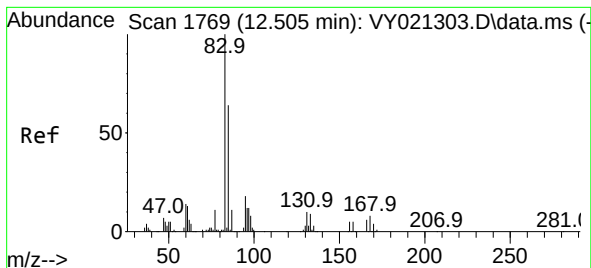
43 100

70 39.2 31.4 47.2

55 23.0 19.5 29.3

61 22.5 18.8 28.2





#75

1,1,2,2-Tetrachloroethane

Concen: 105.580 ug/l

RT: 12.505 min Scan# 1769

Delta R.T. 0.000 min

Lab File: VY021304.D

Acq: 24 Feb 2025 16:37

Instrument :

MSVOA_Y

ClientSampleId :

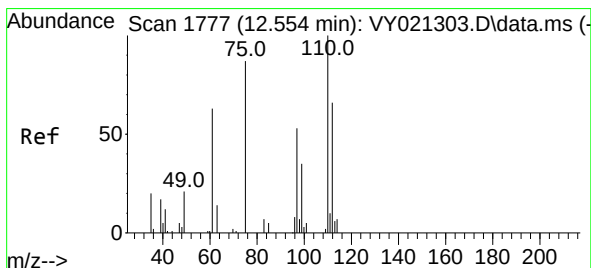
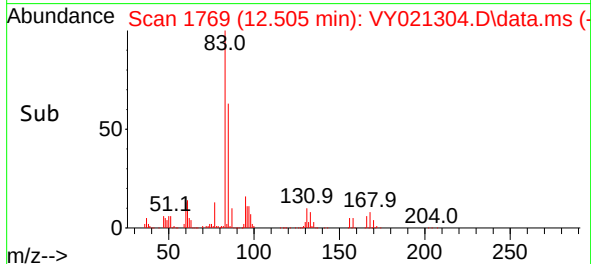
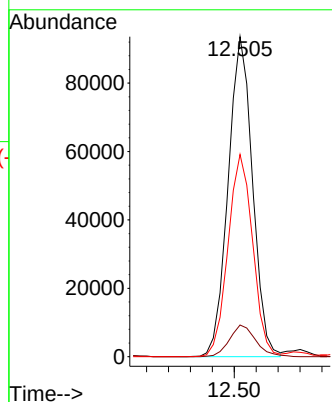
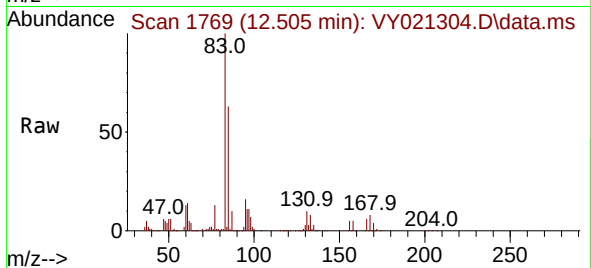
Tgt Ion: 83 Resp: 144596

Ion Ratio Lower Upper

83 100

131 10.6 5.3 15.9

85 64.0 31.3 93.9



#76

1,2,3-Trichloropropane

Concen: 195.860 ug/l

RT: 12.554 min Scan# 1777

Delta R.T. 0.000 min

Lab File: VY021304.D

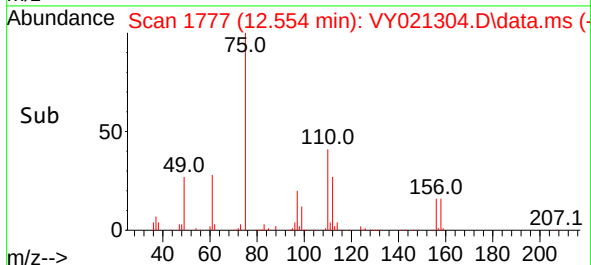
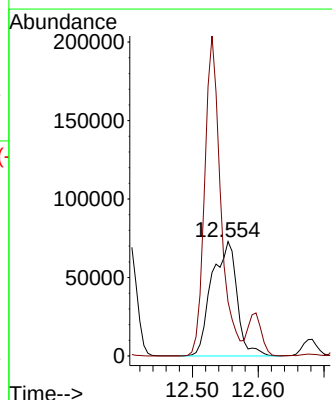
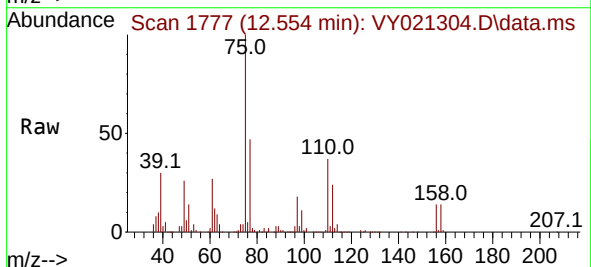
Acq: 24 Feb 2025 16:37

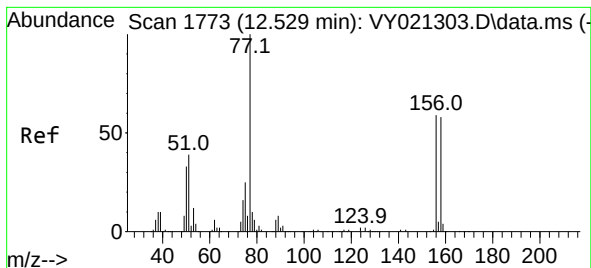
Tgt Ion: 75 Resp: 195230

Ion Ratio Lower Upper

75 100

77 0.0 0.0 0.0





#77

Bromobenzene

Concen: 108.872 ug/l

RT: 12.530 min Scan# 1773

Delta R.T. 0.000 min

Lab File: VY021304.D

Acq: 24 Feb 2025 16:37

Instrument :

MSVOA_Y

ClientSampleId :

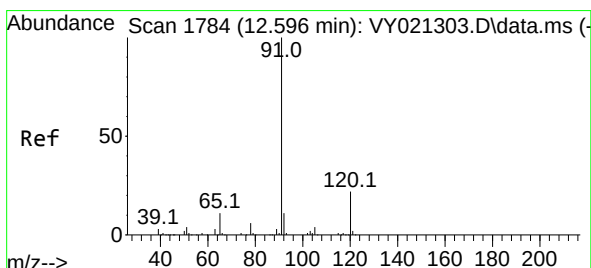
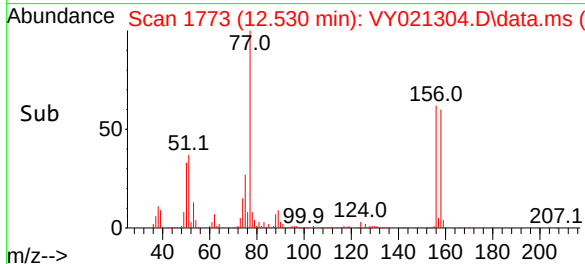
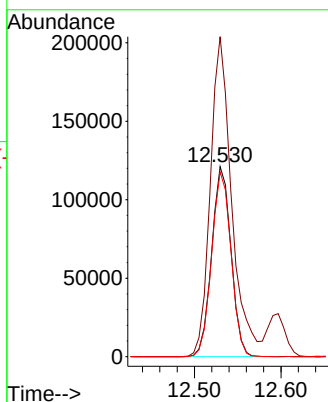
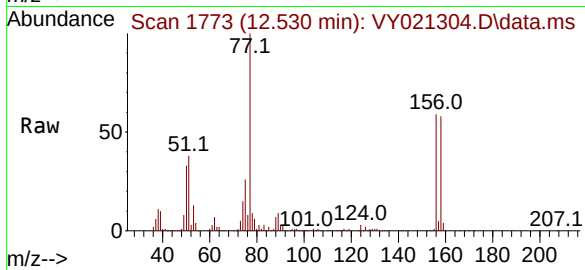
Tgt Ion:156 Resp: 187796

Ion Ratio Lower Upper

156 100

77 184.2 91.2 273.6

158 97.3 48.8 146.3



#78

n-propylbenzene

Concen: 111.265 ug/l

RT: 12.597 min Scan# 1784

Delta R.T. 0.000 min

Lab File: VY021304.D

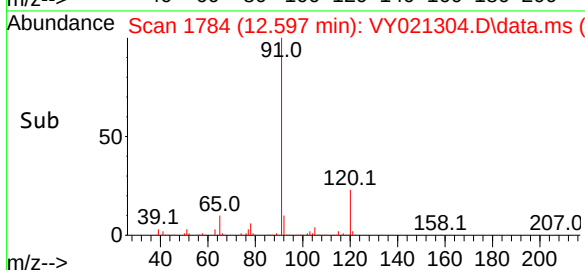
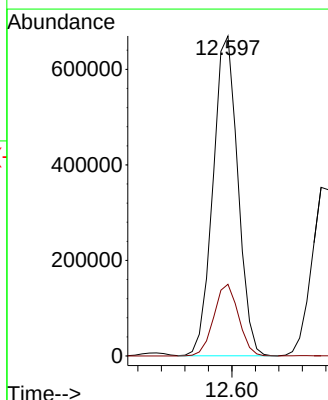
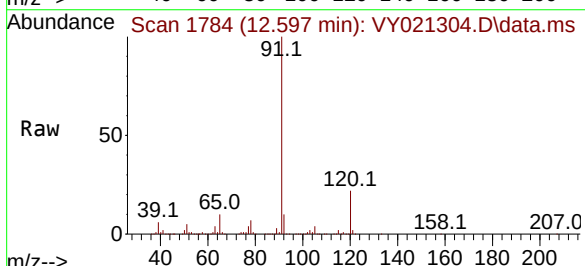
Acq: 24 Feb 2025 16:37

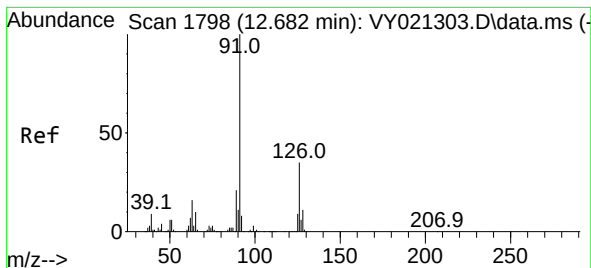
Tgt Ion: 91 Resp: 982905

Ion Ratio Lower Upper

91 100

120 22.3 11.1 33.3

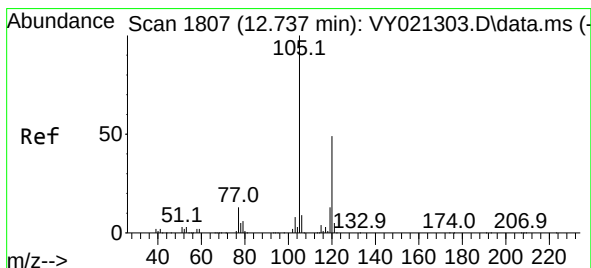
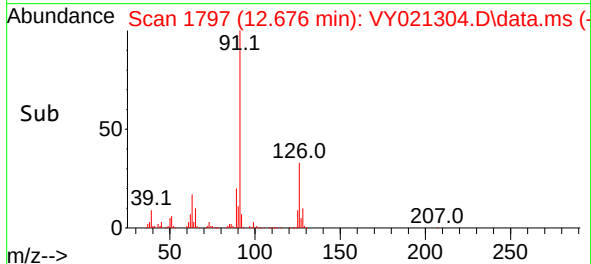
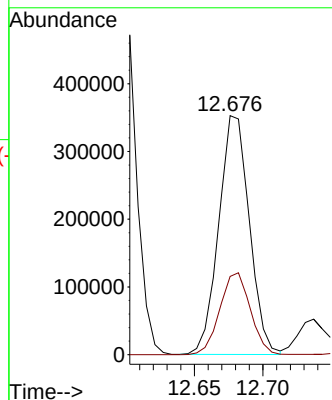
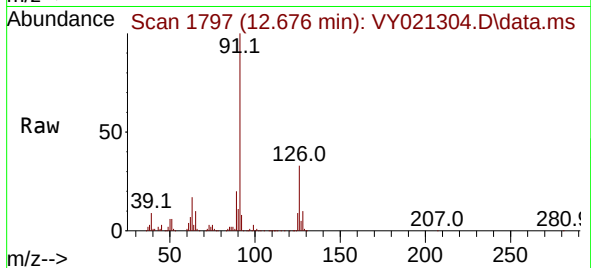




#79
2-Chlorotoluene
Concen: 107.979 ug/l
RT: 12.676 min Scan# 1798
Delta R.T. -0.006 min
Lab File: VY021304.D
Acq: 24 Feb 2025 16:37

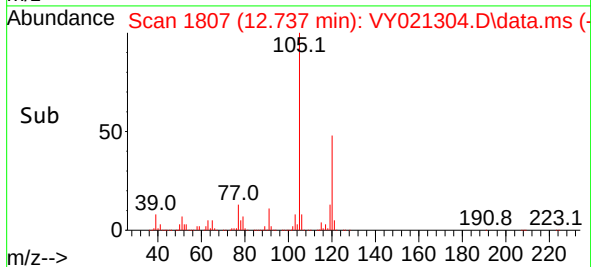
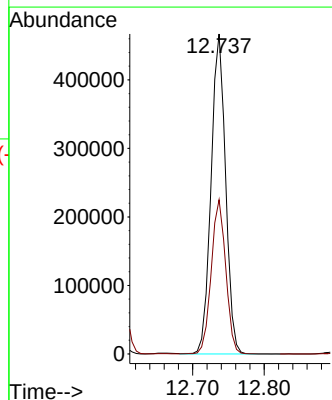
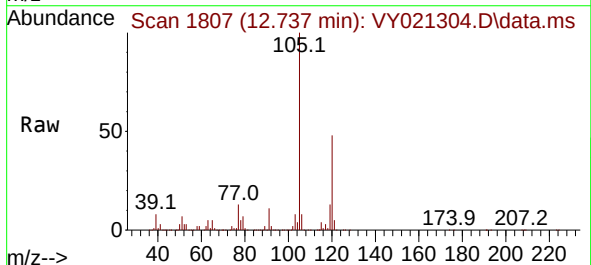
Instrument :
MSVOA_Y
ClientSampleId :

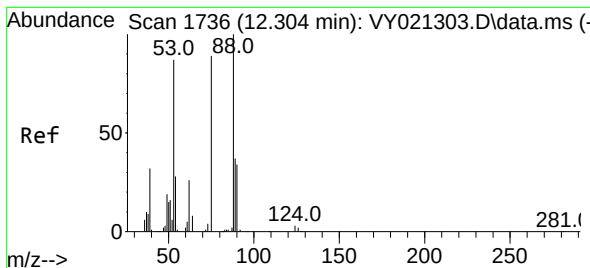
Tgt Ion: 91 Resp: 548727
Ion Ratio Lower Upper
91 100
126 34.1 17.0 50.9



#80
1,3,5-Trimethylbenzene
Concen: 109.701 ug/l
RT: 12.737 min Scan# 1807
Delta R.T. 0.000 min
Lab File: VY021304.D
Acq: 24 Feb 2025 16:37

Tgt Ion:105 Resp: 656229
Ion Ratio Lower Upper
105 100
120 48.4 24.3 72.8

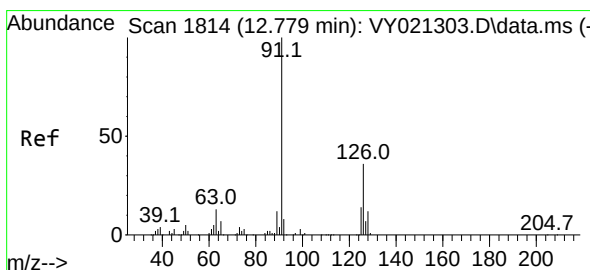
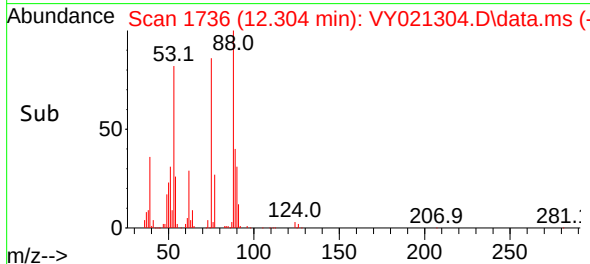
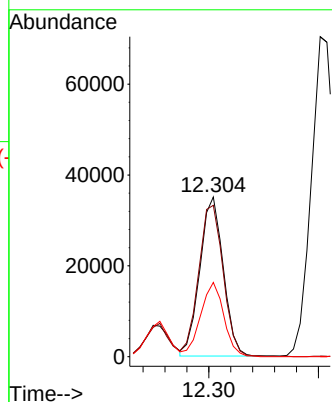
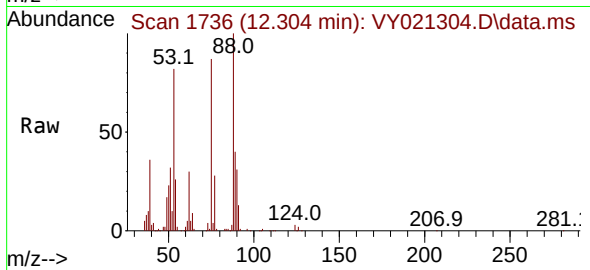




#81
trans-1,4-Dichloro-2-butene
Concen: 113.357 ug/l
RT: 12.304 min Scan# 1736
Delta R.T. 0.000 min
Lab File: VY021304.D
Acq: 24 Feb 2025 16:37

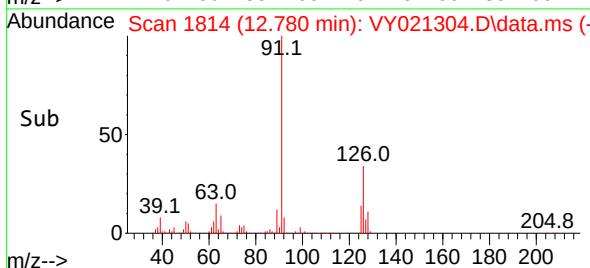
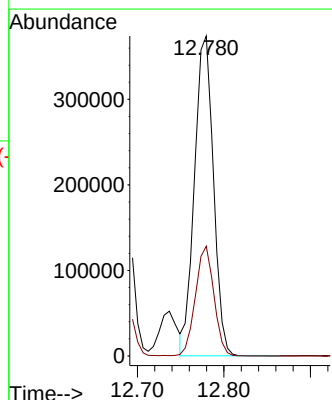
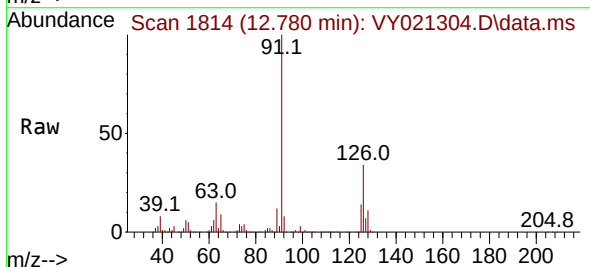
Instrument :
MSVOA_Y
ClientSampleId :

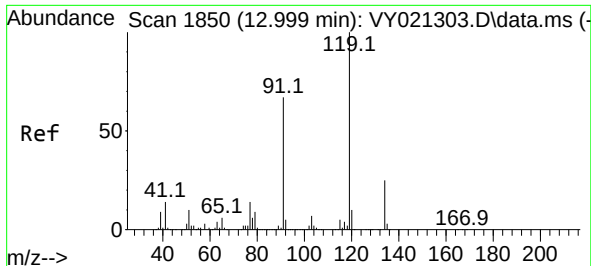
Tgt Ion: 75 Resp: 51949
Ion Ratio Lower Upper
75 100
53 100.8 79.8 119.8
89 46.5 36.4 54.6



#82
4-Chlorotoluene
Concen: 107.462 ug/l
RT: 12.780 min Scan# 1814
Delta R.T. 0.000 min
Lab File: VY021304.D
Acq: 24 Feb 2025 16:37

Tgt Ion: 91 Resp: 567974
Ion Ratio Lower Upper
91 100
126 33.6 16.9 50.6

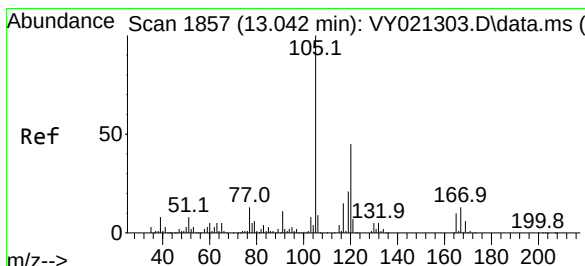
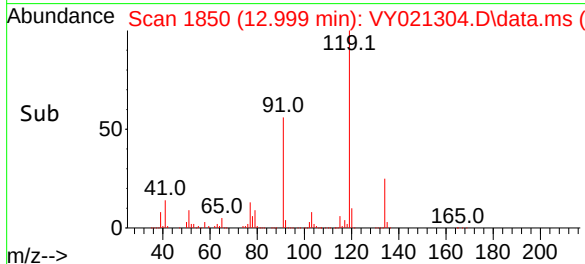
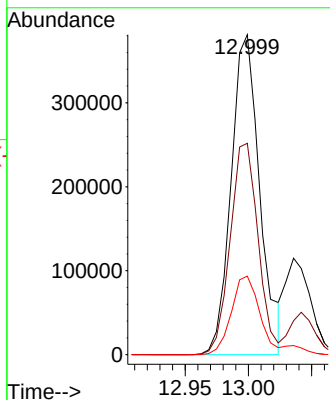
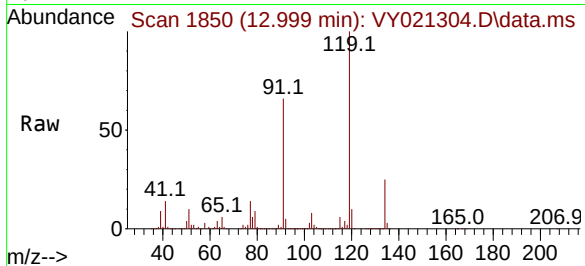




#83
 tert-Butylbenzene
 Concen: 107.869 ug/l
 RT: 12.999 min Scan# 1850
 Delta R.T. 0.000 min
 Lab File: VY021304.D
 Acq: 24 Feb 2025 16:37

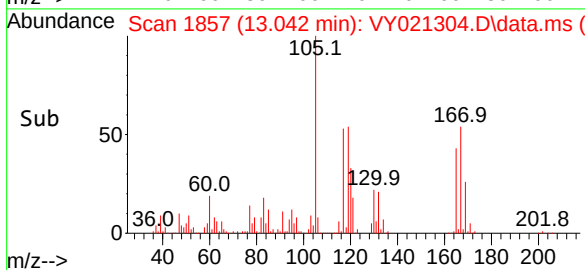
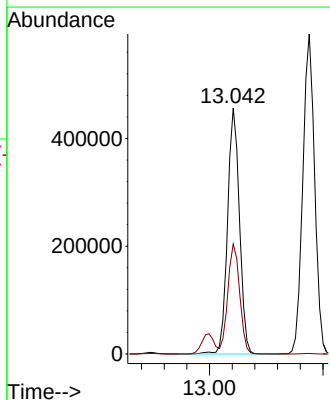
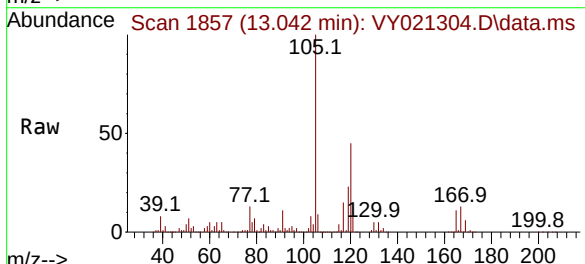
Instrument :
 MSVOA_Y
 ClientSampleId :

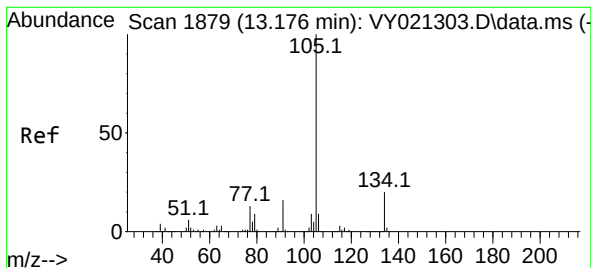
Tgt Ion:119 Resp: 600383
 Ion Ratio Lower Upper
 119 100
 91 64.5 32.4 97.2
 134 26.4 13.1 39.1



#84
 1,2,4-Trimethylbenzene
 Concen: 110.243 ug/l
 RT: 13.042 min Scan# 1857
 Delta R.T. 0.000 min
 Lab File: VY021304.D
 Acq: 24 Feb 2025 16:37

Tgt Ion:105 Resp: 664511
 Ion Ratio Lower Upper
 105 100
 120 44.5 22.1 66.5





#85

sec-Butylbenzene

Concen: 107.195 ug/l

RT: 13.176 min Scan# 1879

Delta R.T. 0.000 min

Lab File: VY021304.D

Acq: 24 Feb 2025 16:37

Instrument :

MSVOA_Y

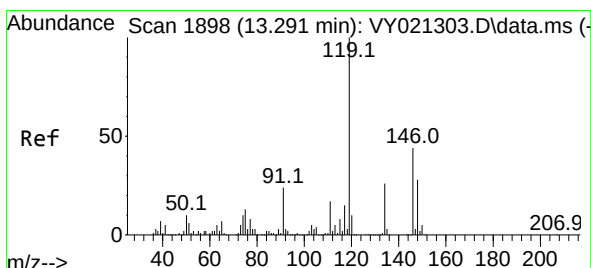
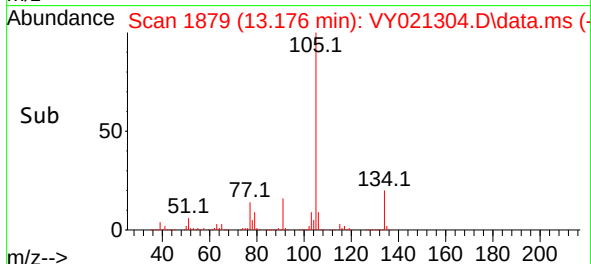
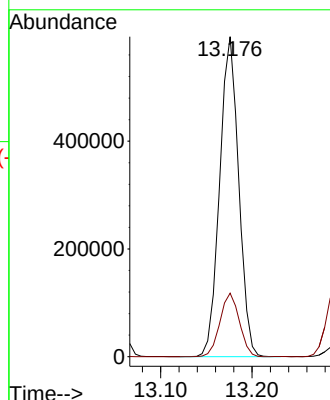
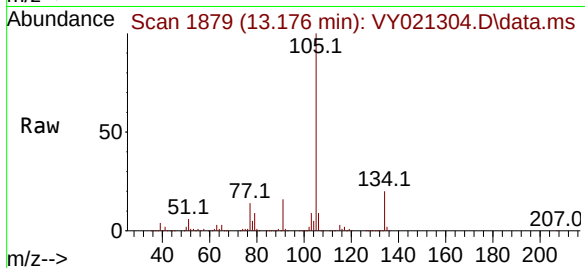
ClientSampleId :

Tgt Ion:105 Resp: 860119

Ion Ratio Lower Upper

105 100

134 20.2 10.1 30.3



#86

p-Isopropyltoluene

Concen: 109.298 ug/l

RT: 13.292 min Scan# 1898

Delta R.T. 0.000 min

Lab File: VY021304.D

Acq: 24 Feb 2025 16:37

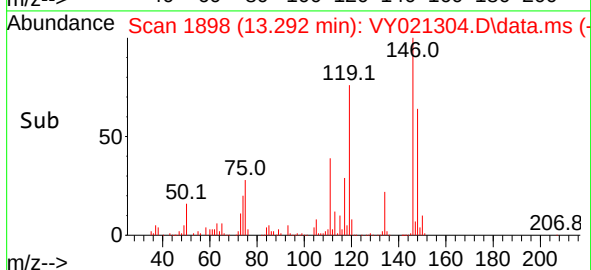
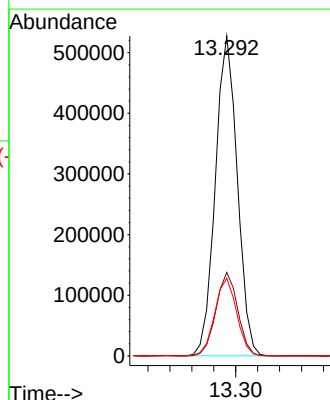
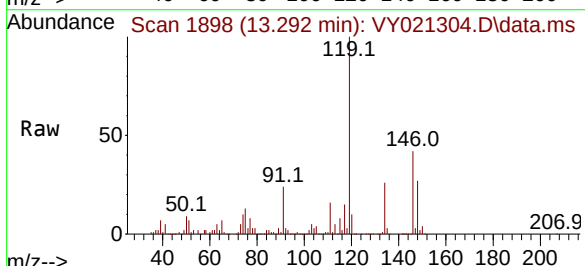
Tgt Ion:119 Resp: 733880

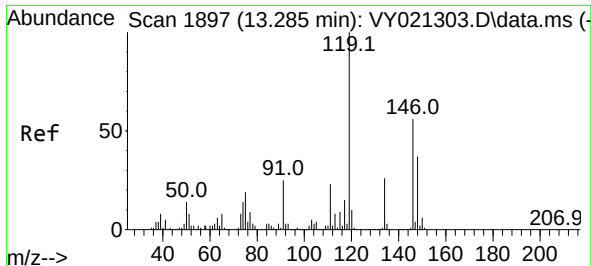
Ion Ratio Lower Upper

119 100

134 26.0 13.2 39.5

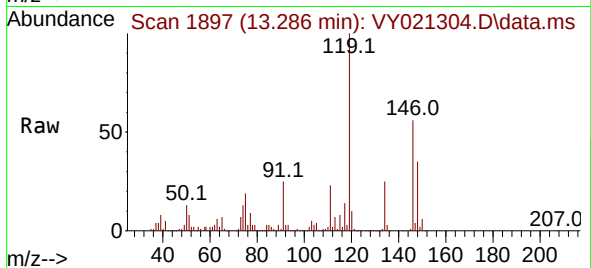
91 24.2 12.0 36.0



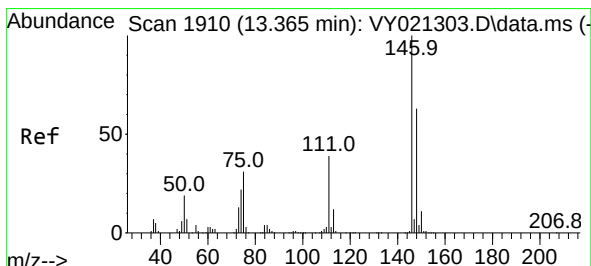
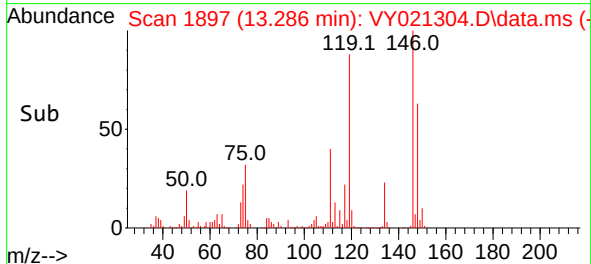
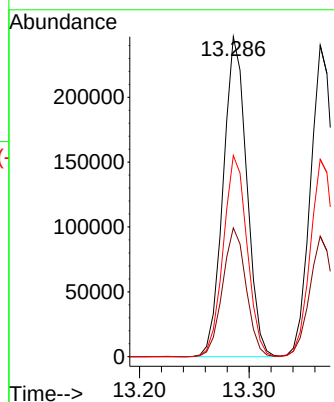


#87
1,3-Dichlorobenzene
Concen: 104.727 ug/l
RT: 13.286 min Scan# 1897
Delta R.T. 0.000 min
Lab File: VY021304.D
Acq: 24 Feb 2025 16:37

Instrument :
MSVOA_Y
ClientSampleId :

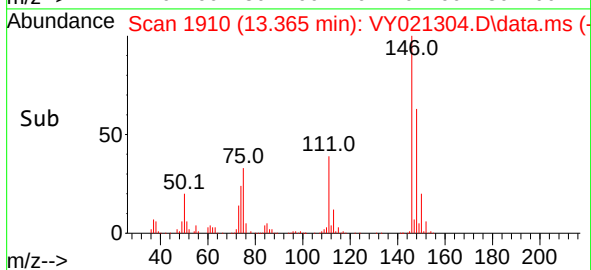
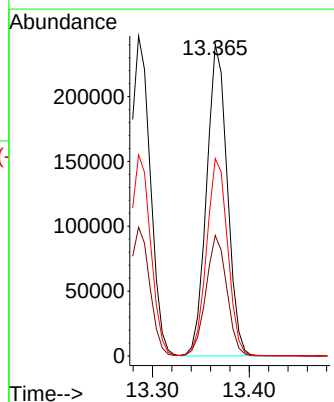
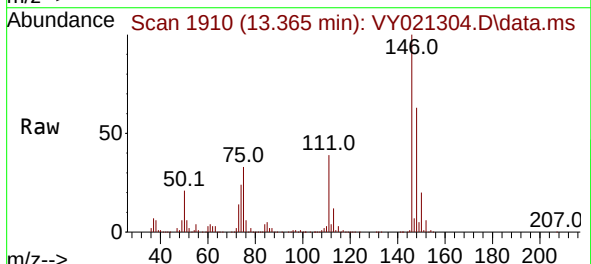


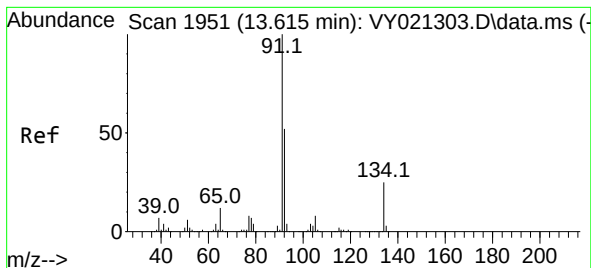
Tgt Ion:146 Resp: 367844
Ion Ratio Lower Upper
146 100
111 40.2 19.8 59.4
148 63.5 31.8 95.3



#88
1,4-Dichlorobenzene
Concen: 103.088 ug/l
RT: 13.365 min Scan# 1910
Delta R.T. 0.000 min
Lab File: VY021304.D
Acq: 24 Feb 2025 16:37

Tgt Ion:146 Resp: 357142
Ion Ratio Lower Upper
146 100
111 39.0 19.3 57.9
148 64.6 31.6 94.8





#89

n-Butylbenzene

Concen: 108.924 ug/l

RT: 13.615 min Scan# 1951

Delta R.T. 0.000 min

Lab File: VY021304.D

Acq: 24 Feb 2025 16:37

Instrument :

MSVOA_Y

ClientSampleId :

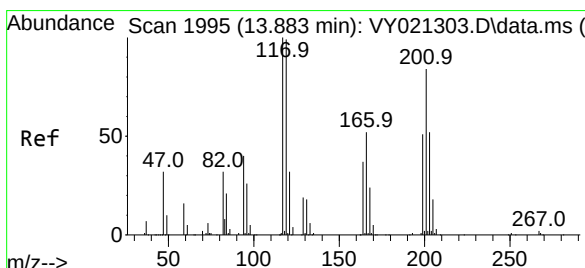
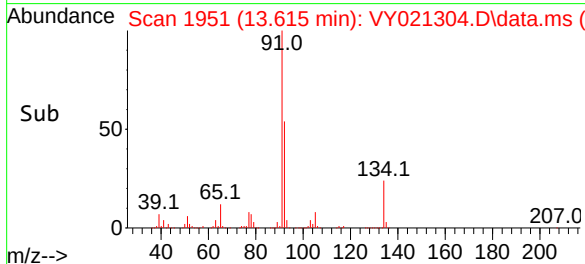
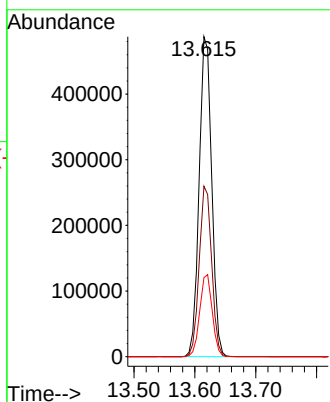
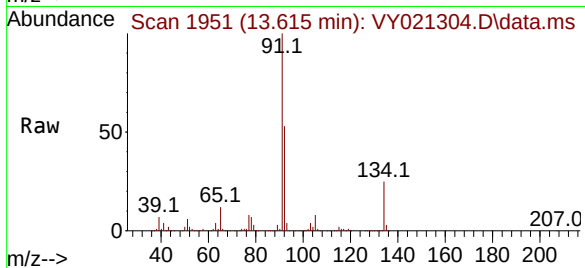
Tgt Ion: 91 Resp: 697348

Ion Ratio Lower Upper

91 100

92 52.8 26.4 79.2

134 25.5 12.8 38.3



#90

Hexachloroethane

Concen: 103.901 ug/l

RT: 13.883 min Scan# 1995

Delta R.T. 0.000 min

Lab File: VY021304.D

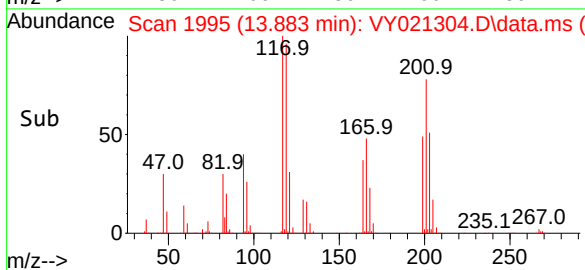
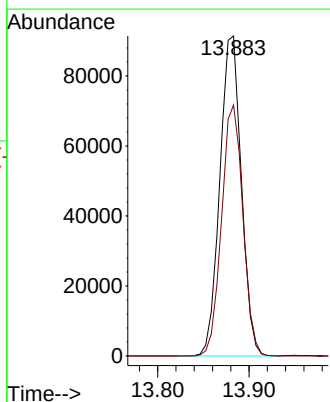
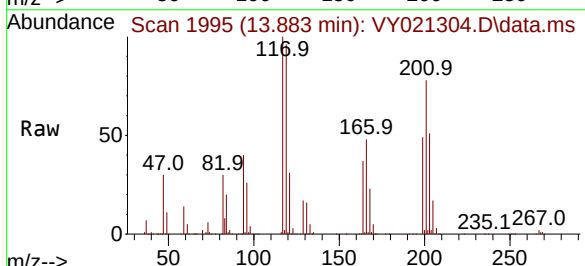
Acq: 24 Feb 2025 16:37

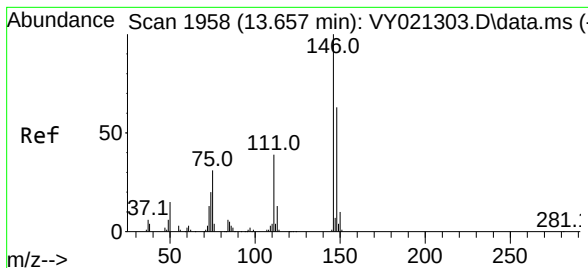
Tgt Ion: 117 Resp: 149577

Ion Ratio Lower Upper

117 100

201 77.8 39.5 118.3

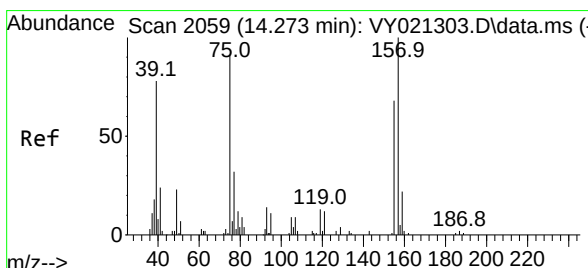
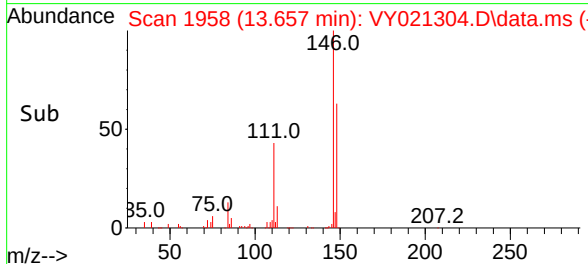
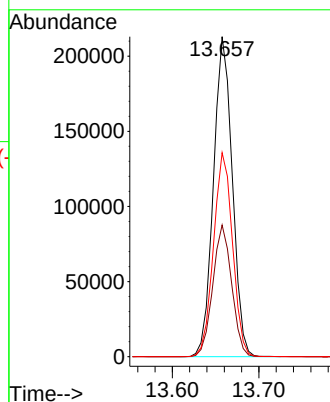
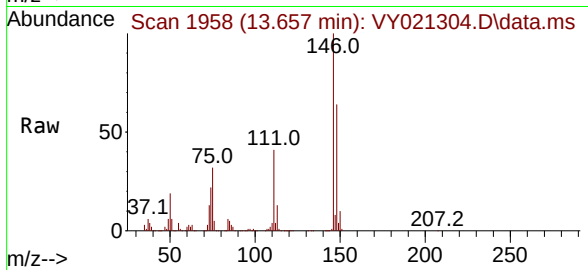




#91
 1,2-Dichlorobenzene
 Concen: 104.205 ug/l
 RT: 13.657 min Scan# 1958
 Delta R.T. 0.000 min
 Lab File: VY021304.D
 Acq: 24 Feb 2025 16:37

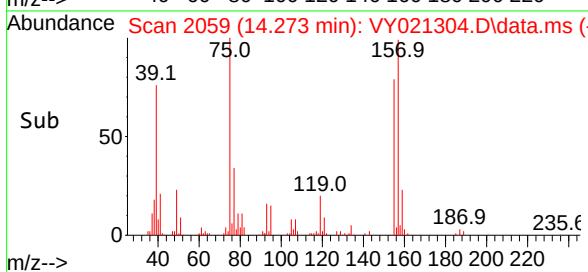
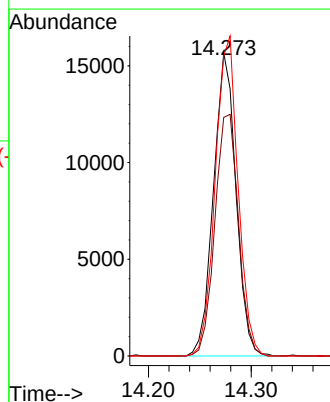
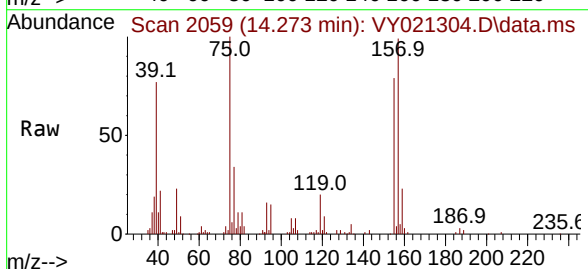
Instrument :
 MSVOA_Y
 ClientSampleId :

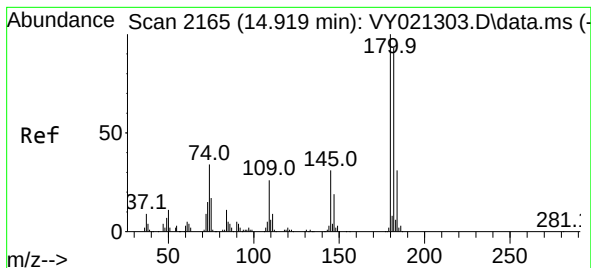
Tgt Ion:146 Resp: 322829
 Ion Ratio Lower Upper
 146 100
 111 41.2 20.5 61.5
 148 64.2 31.8 95.3



#92
 1,2-Dibromo-3-Chloropropane
 Concen: 106.000 ug/l
 RT: 14.273 min Scan# 2059
 Delta R.T. 0.000 min
 Lab File: VY021304.D
 Acq: 24 Feb 2025 16:37

Tgt Ion: 75 Resp: 23791
 Ion Ratio Lower Upper
 75 100
 155 83.5 41.8 125.3
 157 106.7 55.3 165.9





#93

1,2,4-Trichlorobenzene

Concen: 115.765 ug/l

RT: 14.919 min Scan# 2165

Delta R.T. 0.000 min

Lab File: VY021304.D

Acq: 24 Feb 2025 16:37

Instrument :

MSVOA_Y

ClientSampleId :

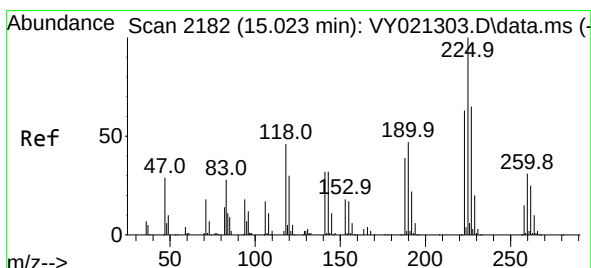
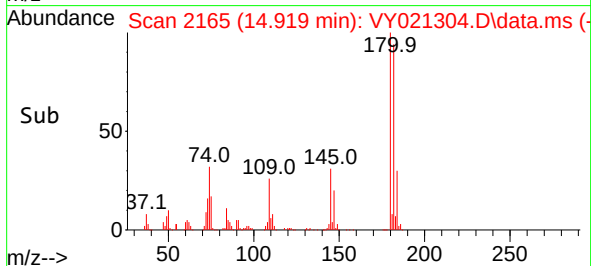
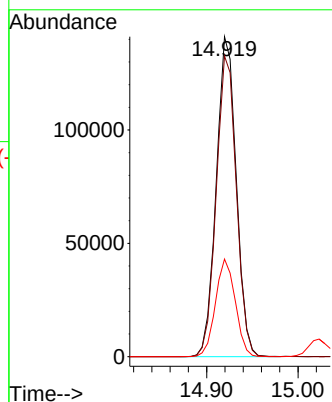
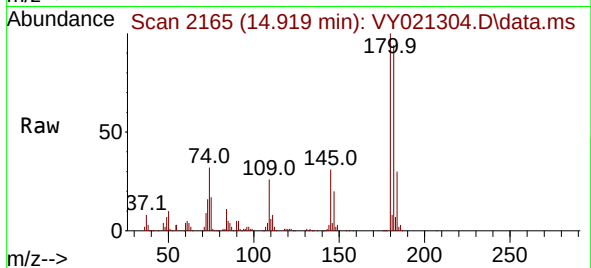
Tgt Ion:180 Resp: 214649

Ion Ratio Lower Upper

180 100

182 94.5 47.8 143.4

145 30.2 15.2 45.6



#94

Hexachlorobutadiene

Concen: 103.157 ug/l

RT: 15.023 min Scan# 2182

Delta R.T. 0.000 min

Lab File: VY021304.D

Acq: 24 Feb 2025 16:37

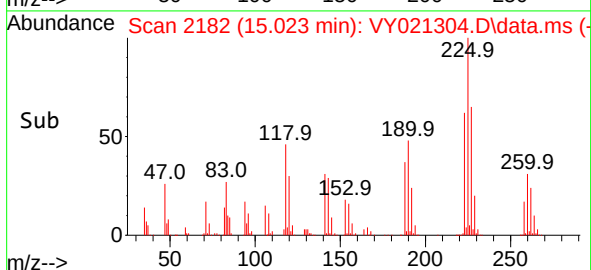
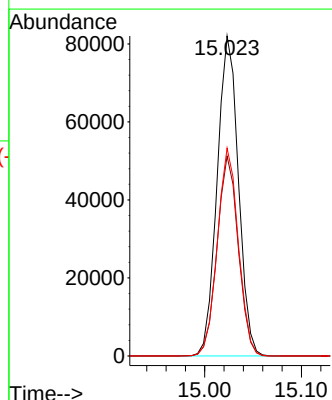
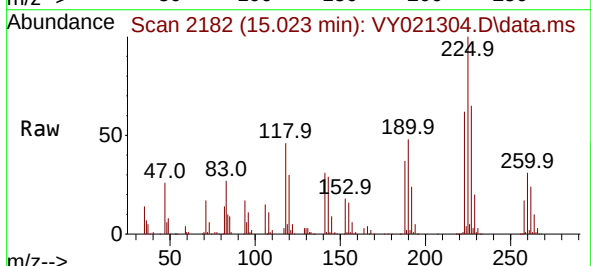
Tgt Ion:225 Resp: 124984

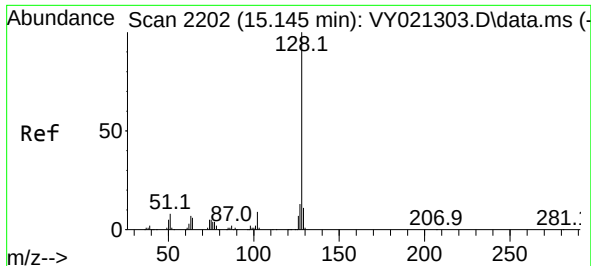
Ion Ratio Lower Upper

225 100

223 62.2 30.7 92.1

227 64.1 31.8 95.3

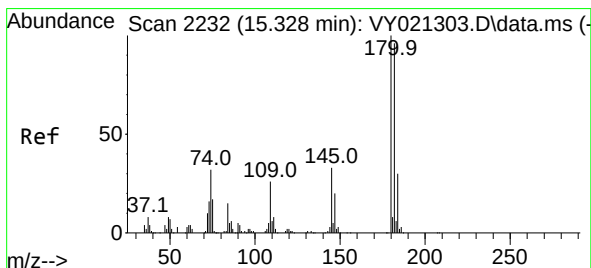
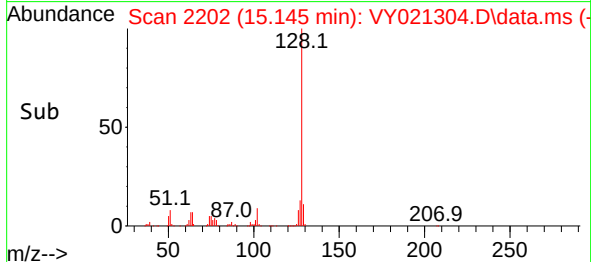
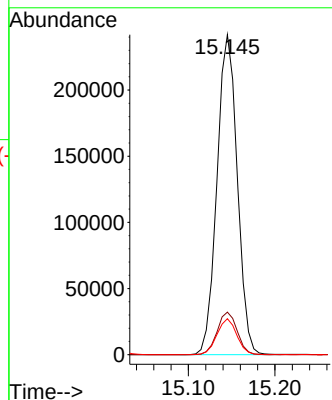
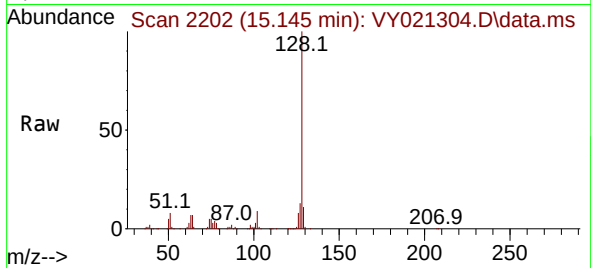




#95
Naphthalene
Concen: 128.008 ug/l
RT: 15.145 min Scan# 2202
Delta R.T. 0.000 min
Lab File: VY021304.D
Acq: 24 Feb 2025 16:37

Instrument :
MSVOA_Y
ClientSampleId :

Tgt Ion:128 Resp: 393542
Ion Ratio Lower Upper
128 100
127 13.1 10.8 16.2
129 11.0 8.6 12.8



#96
1,2,3-Trichlorobenzene
Concen: 115.480 ug/l
RT: 15.328 min Scan# 2232
Delta R.T. 0.000 min
Lab File: VY021304.D
Acq: 24 Feb 2025 16:37

Tgt Ion:180 Resp: 183832
Ion Ratio Lower Upper
180 100
182 95.3 47.5 142.5
145 32.4 16.2 48.5

